

## 1. INTRODUCTION

UDLAP reaffirms its commitment to sustainability by implementing strategies that reduce its environmental impact. This report presents an analysis of the actions implemented in the last five years (2019-2024), focused on various strategies and programs to improve environmental and social impact, aligning with the Sustainable Development Goals (SDGs). These actions include projects, competitions, agreements and public advocacy programs in key areas such as water, energy, conservation and climate change.

- The following strategies are highlighted as strategies:
  - IMPROVEMENT ACTIONS: Initiatives or changes implemented to optimize processes, services or systems, with the objective of increasing efficiency, quality and user satisfaction.
  - CONTRIBUTION: Contribution of resources, knowledge, ideas or actions that generate a positive impact on a specific environment, whether academic, social, environmental or economic.
  - ART: Creative expression through various disciplines such as painting, music, sculpture, literature or cinema, which allows the transmission of ideas, emotions and reflections on society and culture.
  - COMPETITION: Competition organized to encourage creativity, talent and excellence in various areas, where participants submit proposals or projects to be evaluated and awarded.
  - AGREEMENT: Formal agreement between two or more parties (institutions, companies or organizations) to collaborate on projects, exchange knowledge or establish commitments of mutual benefit.
  - MEETING/CONGRESS/FORUM/WORKSHOP: Spaces for discussion, learning and networking in which experts and participants exchange knowledge on a common topic. They are differentiated by their format:
    - Meeting: Meeting to share experiences and best practices.
    - Congress: Formal event with presentations and papers by experts in a specific area.
    - Forum: A space for debate and analysis on issues of public interest.
    - Workshop: Practical session where participants acquire applicable skills or knowledge.
  - PUBLIC ADVOCACY: Strategies and actions aimed at influencing policies, regulations or public decisions with the objective of generating positive changes in society.
  - INNOVATION: Creation or improvement of processes, products, services or ideas that generate value and respond to current or future needs in different areas.
  - PRACTICES: Learning experiences applied in work or academic environments where participants develop skills and knowledge in a real context.
  - PROJECT: A set of planned activities with a specific objective, which may be oriented to research, process improvement, product development or problem solving.

- PUBLICATIONS: Documents, articles or books that disseminate knowledge, research or experiences in academic, scientific or informative media, in order to share relevant information with the community.
- RECOGNITION: Distinction granted to individuals, groups or institutions for their achievements, performance or contributions in a given field.
- VOLUNTEER: Altruistic activity carried out by people who dedicate their time and effort to social, environmental or community causes without receiving financial remuneration in return.
- The related topics in this analysis are:
  - WATER: An essential resource for life and sustainable development. Its efficient management implies equitable access, quality, waste reduction and protection of natural sources.
  - FOOD: Responsible food production, distribution and consumption to ensure food security, reduce waste and promote sustainable agricultural practices.
  - CLIMATE CHANGE: Transformations in the global climate caused by human activities, such as greenhouse gas emissions. It requires mitigation and adaptation strategies to reduce its impacts.
  - CONSERVATION: Protection and restoration of ecosystems and biodiversity to ensure environmental balance and sustainability of natural resources.
  - CONTAMINATION: Introduction of harmful substances into the air, water or soil, affecting human health and ecosystems. Its control is key to environmental sustainability.
  - ENERGY: Use and production of energy in a sustainable manner, promoting renewable sources such as solar, wind and hydroelectric to reduce dependence on fossil fuels.
  - FLORA AND FAUNA: Protection of animal species and their habitats to prevent biodiversity loss and promote coexistence between wildlife and human development.
  - ENVIRONMENT: Set of natural and artificial conditions that influence life on Earth. Its preservation is key to quality of life and sustainability.
  - RECYCLING: Process of reusing materials to reduce waste and pollution, promoting a more efficient and sustainable circular economy.
  - REDUCTION: Key strategy to minimize resource consumption and waste generation through the efficient use of materials, energy and processes. It involves reducing environmental impact by reducing waste production, carbon emissions and water and food waste.
  - WASTE: Proper management of waste to minimize its environmental impact, promoting reduction, reuse and recycling to avoid accumulation and contamination.
  - GLOBAL CHALLENGES: Environmental, social and economic challenges that require international cooperation, such as climate change, poverty and biodiversity loss.

- SUSTAINABILITY: Ability to meet present needs without compromising the resources of future generations, balancing economic, social and environmental development.

### **3. STRATEGIES IMPLEMENTED**

The following actions were implemented:

#### **A. Environment and Conservation**

- Strategies:
  - Creation of nature reserves within the campus.
  - Environmental education and awareness programs.
  - Implementation of sustainable construction standards.

#### **B. Flora and Fauna**

- Strategies:
  - Fauna monitoring programs on campus.
  - Rescue and rehabilitation of endangered species.
  - Habitat restoration in impacted areas.

#### **C. Water**

- Strategies:
  - Implementation of rainwater harvesting systems.
  - Wastewater treatment and reuse on campus.
  - Development of water purification technologies.

#### **D. Energy**

- Strategies:
  - Installation of renewable energy sources.
  - Energy efficiency programs in university buildings.

#### **E. Climate Change**

- Strategies:
  - Campus carbon neutrality policies.

- Climate change courses and certifications.
- Reforestation and carbon sequestration projects.

## **F. Food**

- Strategies:
  - Implementation of "zero food waste" programs.
  - Creation of university food banks.
  - Education on nutrition and food sustainability.

## **G. Global challenges and sustainability**

- Strategies:
  - Liaison with organizations such as the UN and the World Bank.
  - Creation of student mobility programs in sustainability.
  - Organization of international forums and conferences.

## **H. Conservation**

- Strategies:
  - Creation of natural protected areas within the campus.
  - Conservation programs in partnership with government and NGOs.
  - Reforestation and recovery of degraded ecosystems.

## **I. Recycling, Reduction and Waste**

- Strategies:
  - Elimination of paper use
  - Implementation of circular economy on campus.
  - Differentiated waste collection programs.
  - Elimination of single-use plastics.

## **J. Contamination**

- Strategies:
  - Reduction of the ecological footprint of university transportation.
  - Implementation of green roofs and air filters.
  - Prohibition of highly polluting products on campus.

#### 4. Results and Achievements

The strategies implemented led to a significant reduction in paper consumption:

-----Indicadores----- ---	Formerl y	Measureme nt	Then	Measureme nt	Indicator reading
<i>Input Savings (Printing on recyclable sheets) by period</i>	2017	5000	2019	0	100% reduction in paper printing
<i>Resource savings (paper) per year</i>	2018	1119	2019	168	Reduced by 85% the number of impressions made per request
<i>Reduction of paper use per year</i>	2018	215	2019	0	100% reduction in paper printing
<i>Savings in material resources and annual budget</i>	2017	64000	2019	0	More than 2.88 tons of paper per semester were no longer produced for teacher evaluation.
<i>Savings in impressions (annual)</i>	2019	200	2020	0	No files were printed
<i>Elimination of paper and printing (annual)</i>	2019	10000	2020	0	100% reduction in the printing of Voluntary Departure forms
<i>Elimination of paper and printing (annual)</i>	2019	2042	2020	0	100% reduction in the number of purchase orders printed
<i>Used quantity of FS2 printed format sets</i>	2019	32400	2021	0	The number of printed forms has been eliminated. The delivery of copies of buyers' documents has been eliminated.
<i>Number of document printouts</i>					
<i>Paper usage (annual - 3500 applications - 20 sheets average file)</i>	2020	70000	2021	0	100% elimination of the use of paper and formats, since the entire file is in the system.
<i>Number of printed formats used annually</i>	2019	501	2023	0	<b>100%</b> reduction in the use of printed formats
<i>Savings in paper use per year</i>	2019	1000	2023	0	The use of paper was completely eliminated with respect to the use of this format.
<i>Format printing</i>	2022	750	2023	0	The printing of formats was reduced by 100%.
<i>Use of white sheets</i>	2022	90000	2023	0	100% reduction due to the integration of digital records
<i>Printing of documents during</i>	2019	58525	2023	28743	There are documents that, due to the nature of the request of the

-----Indicadores----- ---	Formerl y	Measureme nt	Then	Measureme nt	Indicator reading
<i>the process Paper usage (single sheet/letterhead)</i>					instance that requires it, must be in physical form, which is why the use of paper cannot be eradicated to 100%.
<i>Number of sheets used, per file</i>	2019	25908	2023	0	Paper is no longer used
<i>Format printing</i>	2019	138	2023	0	100% of paper use eliminated
<i>Use of leaves</i>	2023	117	2024	0	100% elimination of the use of paper
<i>Format printing</i>	2023	1019	2024	0	The use of paper was completely eliminated, with a 100% reduction in paper consumption.
<i>Use of formats for incoming students</i>	2023	10000	2024	0	100% elimination of the use of paper
<b>TOTAL</b>		372934		28911	<b>92.5% of the use of paper eliminated</b>

## 5. Areas for Improvement and Next Steps

Challenges persist in the elimination of paper use

- To consolidate these advances, the university plans to:
- Extend the digitalization of procedures to 100% of the administrative processes.
- Implement a document management system that eliminates the use of physical files.

These actions seek to make the university a benchmark in sustainable management practices and contribute to a green campus.

In the next tables appear details of this actions and improvements during this time.

Actions (2019 - 2024)

#	Year	Involved	Subject	Headings	Objective	Description of achievement
1	2018-2019	ADMINISTRATIVE STAFF	REDUCTION	IMPROVEMENT ACTIONS	INSTITUTIONAL PRESTIGE	The open access policy and institutional repository of academic, scientific, technological, artistic and innovation knowledge for UDLAP was developed. The DSpace platform was installed and configured with the collaboration of specialized technical personnel to offer the institutional repository service to the community, linking the university's collection of digital postgraduate theses with the CONACYT National Repository. Currently, 39 doctoral theses and 344 master's theses from the UDLAP Institutional Repository (RIUDLAP) can be found in CONACYT's National Repository of Science, Technology and Innovation.
2	2018-2019	STUDENTS	RECYCLING	VOLUNTEERING	LINK WITH SOCIETY AND BUSINESSES	During 2018, 16 conferences were held, 12 on Saturdays and 4 on Sundays, in collaboration with four organizations working on various social issues, such as recycling, reforestation
3	2018-2019	ADMINISTRATIVE STAFF	REDUCTION	IMPROVEMENT ACTIONS	ACADEMIC PRESTIGE	Reciclación, an initiative of the Save the Sea Foundation
4	2018-2019	ADMINISTRATIVE STAFF	REDUCTION	IMPROVEMENT ACTIONS	ACADEMIC PRESTIGE	From 46 electronic resources available, in 2018 this increased to 66, which corresponds to 100% of the resources contracted
5	2019-2020	ADMINISTRATIVE STAFF	WATER	IMPROVEMENT ACTIONS	ACADEMIC PRESTIGE	The UDLAP registered as a member of the CONRICyT consortium, subscribing to the Organization for Economic Co-operation and Development (OECD) resource and acquiring the Emerald Social Sciences eBook Collection in perpetuity.
6	2019-2020	ADMINISTRATIVE STAFF	REDUCTION	IMPROVEMENT ACTIONS	ACADEMIC PRESTIGE	The replacement of water wells 2 and 4 to supply the volume required for the operation of the campus includes drilling, studies, equipment and commissioning, with an investment of \$9,101,166. The UDLAP community benefits as it covers
7	2019-2020	TEACHERS	RECYCLING	COMPETITION	ACADEMIC PRESTIGE	the volume necessary to supply the campus.
8	2019-2020	STUDENTS	WATER	MEETING/ CONFERENCE/ FORUM/WORKSHOP	ACADEMIC PRESTIGE	An investment of \$18,395,047 was made in printed and digital bibliographic information resources, 4.6% more than the previous year, of which 92% was allocated to electronic bibliographic material and 8% to printed material. With this investment, the university community currently has access to 215,198 printed books, more than 10,363,000 electronic books and more than 41,500 current academic journal titles. Each degree program has an average of 800 titles of academic journals specialized in its area, more than 290,000 newspaper titles and more than 3,800,000 documents such as conferences, cases, patents, standards and profiles, among others, at a national and international level, to support the community in its academic and research development.
9	2019-2020	STUDENTS	SUSTAINABILITY	MEETING/ CONFERENCE/ FORUM/WORKSHOP	LINK WITH SOCIETY AND BUSINESSES	Dr. Edwin González Meza, a full-time professor in the Department of Architecture, was recognized for winning second place in the 2019 regional Pabellón 3R competition for the construction of an ecological pavilion with the aim of promoting the philosophy of recycling

**Actions (2019 - 2024)**

#	Year	Involved	Subject	Headings	Objective	Description of achievement
10	2019-2020	STUDENTS	ENERGY	MEETING/ CONFERENCE/ FORUM/WORKSHOP	LINK WITH SOCIETY AND BUSINESSES	David Eduardo Guevara Polo, a student on the Civil Engineering Degree, won first place in the Student Design Challenge competition by solving drinking water problems presented within the framework of the 2nd Latin American Youth Water Forum co-organized by the Mexican Association of Hydraulics and Bentley Systems.
11	2020-2021	TEACHERS	REDUCTION	INNOVATIONS	FINANCIAL STABILITY	The academy designed two thousand degree courses on the LMS educational platform during the Fall 2020 period, incorporating learning modules and multimedia resources for its students
12	2020-2021	ADMINISTRATIVE STAFF	WATER	IMPROVEMENT ACTIONS	FINANCIAL STABILITY	The construction of six infiltration wells with collection pits and wells that direct rainwater to the aquifers, helping to maintain the hydrological balance of the area and avoiding flooding in identified areas on campus.
13	2020-2021	ADMINISTRATIVE STAFF	REDUCTION	IMPROVEMENT ACTIONS	FINANCIAL STABILITY	All the physical files of students who have started and/or finished their social service were digitized.
14	2020-2021	TEACHERS	WATER	PUBLICATIONS	ACADEMIC PRESTIGE	The work Climate Change and Hydrometeorological Risks, edited by doctors Polioptro F. Martínez Austria, Benito Corona Vázquez and Carlos Patiño Gómez forms part of the publications of the UNESCO Chair in which experts from Argentina, Colombia, Costa Rica, Israel, Mexico and the United States analyzed the problem from different areas of knowledge and shared their results.
15	2020-2021	TEACHERS	WATER	AGREEMENT	INSTITUTIONAL PRESTIGE	The UNESCO-UDLAP Chair in Hydrometeorological Risks was renewed.
16	2020-2021	ADMINISTRATIVE STAFF	REDUCTION	IMPROVEMENT ACTIONS	ORGANIZATIONAL CAPITAL	740 full-time and part-time teachers were trained in the use of the Digital Library, to make the most of electronic resources as support for the subjects taught
17	2020-2021	ADMINISTRATIVE STAFF	REDUCTION	IMPROVEMENT ACTIONS	ORGANIZATIONAL CAPITAL	IT Services trained 503 full-time and part-time teachers on the Hybrid UDLAP platform
18	2020-2021	STUDENTS	SUSTAINABIL ITY	COMPETITION	ACADEMIC PRESTIGE	Javier Ruiz Mota and Richard Navarro Álvarez were national finalists in the 16th international edition of the Multi Comfort student competition, where the task was to design a sustainable development park that would combine residential, educational and recreational functions, transforming the post-industrial site of Coignet Enterprise in Saint-Denis into a green area for living, learning and recreation, respecting both the traces of the site's historical heritage and the sustainable development needs of the modern neighborhood.
19	2020-2021	STUDENTS	ENVIRONME NT	COMPETITION	ACADEMIC PRESTIGE	Andrea Mora Cruz won second place in a competition organized by UNEP (United Nations Environment Programme) 2020
20	2020-2021	TEACHERS/ ADMINISTRATORS	FLORA AND FAUNA	PUBLICATIONS	INSTITUTIONAL PRESTIGE	"Wild bees in an organic coffee plantation in Veracruz, Mexico (EPUB) July 2020 Directorate of Cultural Spaces and Artistic Heritage Dr. Laurence Le Bouhellec Guyomar and Mtra. Marie France Desdier Department of Literature, Humanities and Art History

Actions (2019 - 2024)

#	Year	Involved	Subject	Headings	Objective	Description of achievement
21	2020-2021	TEACHERS	WATER	PUBLICATIONS	INSTITUTIONAL PRESTIGE	Climate change and hydro-meteorological risks (print and PDF) September 2020 UNESCO Chair in Hydrometeorological Risks Dr. Polioptro F. Martínez, Dr. Benito Corona and Dr. Carlos Patiño (editors) Dr. Polioptro Martínez Austria, Dr. Carlos Patiño Gómez, Dr. Paul Hernández Romero and Dr. Einar Moreno Quezada (authors) Department of Civil and Environmental Engineering and Department of Finance and Accounting
22	2020-2021	TEACHERS	FLORA AND FAUNA	PUBLICATIONS	INSTITUTIONAL PRESTIGE	UDLAP verde: Forest heritage (PDF) July 2020 Rodolfo García Alonso (coord.) Environment and Sustainable Development
23	2020-2021	TEACHERS/ STUDENTS/ COMPANIES	WATER	MEETING/ CONFERENCE/ FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Keynote lecture "Water quality and treatment in Mexico" March 10, 2020, Guillermo y Sofía Jenkins Auditorium 701 people Dr. Blanca Jiménez Cisneros, General Director of CONAGUA Department of Civil Engineering, Dean of the School of Engineering and Academic Vice-Rector Presence
24	2020-2021	TEACHERS	WATER	MEETING/ CONFERENCE/ FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Webinar "Water services and COVID-19" June 10, 2020 Mtro. Juan Carlos Valencia Vargas, professor at the National Autonomous University of Mexico, former executive secretary of the Morelos State Water Commission and independent expert Virtual
25	2020-2021	TEACHERS	WATER	PUBLICATIONS	INSTITUTIONAL PRESTIGE	Presentation of the book Water Resources of Mexico October 14, 2020 Dr. Vijay P. Singh, tenured professor at Texas A&M University and editor-in-chief of the Water Resources of the World series; Dr. Felipe Ignacio Arreguín Cortés, vice president of the College of Civil Engineers of Mexico, member of the UNESCO Regional Center for Water Security and research professor at the National Autonomous University of Mexico; Dr. Carlos Díaz Delgado, research professor at the Inter-American Center for Water Technology and Resources in the Faculty of Engineering at the Autonomous University of the State of Mexico, and Dr. José Ángel Raynal Villaseñor, surface hydrologist certified by the American Institute of Hydrology and co-author of the book Virtual

Actions (2019 - 2024)

#	Year	Involved	Subject	Headings	Objective	Description of achievement
26	2020-2021	TEACHERS	WATER	PUBLICATIONS	INSTITUTIONAL PRESTIGE	Book presentation Climate change and hydrometeorological risks December 9, 2020 Dr. Eric Alfaro, University of Costa Rica, Dr. Cecilia Conde, National Autonomous University of Mexico and Dr. Miguel Lovino, National University of the Littoral in Argentina Virtual
27	2021-2022	ADMINISTRATORS	REDUCTION	IMPROVEMENT ACTIONS	FINANCIAL STABILITY	Implementation of improvements in student services, through the new bank statement, the electronic credit and collection file, and the launch of the Instagram account of Payments and
28	2021-2022	ADMINISTRATORS	REDUCTION	IMPROVEMENT ACTIONS	FINANCIAL STABILITY	Development of more than 200 titles, guides and multimedia tutorials on the digital skills site / More than 20 courses offered for the use of Microsoft productivity tools such as Excel, Word, Teams, Forms and Booking
29	2021-2022	ADMINISTRATORS	REDUCTION	INNOVATIONS	FINANCIAL STABILITY	More than 280,000 online class sessions for undergraduate, master's and postgraduate courses on the Blackboard platform in conjunction with hybrid courses.
30	2021-2022	ADMINISTRATORS	WATER	PUBLICATIONS	LINK WITH SOCIETY AND BUSINESSES	Three issues of the magazine Entorno UDLAP were published, as well as two issues of the UNESCO Chair in Hydrometeorological Risks newsletter
31	2021-2022	TEACHERS	SUSTAINABILITY	PUBLICATIONS	INSTITUTIONAL PRESTIGE	Natural lighting through windows (June 2021)
32	2021-2022	TEACHERS	WATER	PUBLICATIONS	INSTITUTIONAL PRESTIGE	Water, climate change and extreme events (May 2022)
33	2022-2023	ADMINISTRATORS	REDUCTION	IMPROVEMENT ACTIONS	FINANCIAL STABILITY	80% of supplier and purchasing records were digitized in the Financial Management System.
34	2022-2023	ADMINISTRATORS	REDUCTION	IMPROVEMENT ACTIONS	FINANCIAL STABILITY	Completed the migration of the Blackboard platform to its Ultra version, migrating 75% of the courses from the original version to this version and offering 29 training courses, designed to improve familiarity and skills in the use of the new platform and 12 workshops on content management.
35	2022-2023	ADMINISTRATORS	REDUCTION	IMPROVEMENT ACTIONS	FINANCIAL STABILITY	It revamped the "Digital Skills" site, integrating more than 250 tutorials to contribute to the development of digital skills in areas such as Blackboard, Microsoft 365, computer security and academic software, with 45,000 visits to the site, benefiting more than 10,000 students and employees.

Actions (2019 - 2024)

#	Year	Involved	Subject	Headings	Objective	Description of achievement
36	2022-2023	ADMINISTRATORS	REDUCTION	IMPROVEMENT ACTIONS	FINANCIAL STABILITY	<p>Digital support for postgraduate studies:</p> <ul style="list-style-type: none"> <li>● Provided support for 281 blended master's degree courses.</li> <li>● Trained 112 teachers in Blackboard Ultra.</li> <li>● Migrated 132 courses to Blackboard Ultra.</li> <li>● Provided training in 120 courses for the start-up and use of the udlap hybrid master's degree classrooms.</li> <li>● Offered the induction and support course to 405 new students of blended master's degrees, reaching 91% in topics related to the use of technologies (Blackboard Ultra and Teams), digital resources and academic-administrative aspects academic-administrative aspects.</li> <li>● It generated course offerings for 94.4% of students on the blended master's degrees, and 3% were offered credit by examination.</li> </ul>
37	2022-2023	TEACHERS	REDUCTION	IMPROVEMENT ACTIONS	FINANCIAL STABILITY	<p>The General School Directorate attended to 5,713 face-to-face and remote appointments, 87% of which were face-to-face; achieving a 56% decrease in appointments since the implementation of remote systems and procedures.</p>
38	2022-2023	ADMINISTRATORS	REDUCTION	INNOVATIONS	ACADEMIC PRESTIGE	<p>619 teachers developed around 2,400 courses on the Blackboard platform, applying quality standards for the design of undergraduate and doctoral courses.</p>
39	2022-2023	ADMINISTRATORS	REDUCTION	IMPROVEMENT ACTIONS	ACADEMIC PRESTIGE	<p>337 teachers took part in 18 courses aimed at strengthening the adoption of the Blackboard Ultra platform in academia, their skills in instructional design, learning assessment and the use of ICT for the creation of virtual learning environments.</p>
40	2022-2023	TEACHERS	REDUCTION	IMPROVEMENT ACTIONS	ACADEMIC PRESTIGE	<p>112 master's degree teachers were trained in the use of new technological tools for the delivery of courses for blended learning plans.</p>
42	2022-2023	STUDENTS	WATER	AGREEMENT	ACADEMIC PRESTIGE	<p>For its part, the unesco Chair in Hydrometeorological Risks collaborated with recognized organizations, including:</p> <ul style="list-style-type: none"> <li>● Moldes y Exhibidores, S. A. de C. V. (Mexico)</li> <li>● Corporativo BIMBO S. A. de C. V. (Mexico)</li> <li>● Sialico Food Safety S. A. de C. V. (Mexico)</li> <li>● The University of Texas Systems (United States)</li> </ul> <p>United States)</p> <ul style="list-style-type: none"> <li>● The International Partnership of Business Schools (ipbs) (France)</li> <li>● University of Notre Dame (United States)</li> <li>● Ozono Polaris, S. A. de C. V. (Mexico)</li> <li>● Puentes Consortium Rice University Liaison (United States)</li> </ul>

**Actions (2019 - 2024)**

#	Year	Involved	Subject	Headings	Objective	Description of achievement
43	2022-2023	ADMINISTRATORS	WATER	STUDY PROGRAMMES	ACADEMIC PRESTIGE	Postgraduate course accredited by the National Program for Quality Postgraduate Courses (PNPC) or the National Postgraduate System (SNP): Doctorate: Water Sciences SNP level: Formalized PNPC expiry date: 2024 Students enrolled as of December 2023: 12
44	2022-2023	TEACHERS	CONSERVATION	ART	INSTITUTIONAL PRESTIGE	Exhibition "Siccus" in collaboration with graduates, at Capilla del Arte
45	2022-2023	TEACHERS	ENVIRONMENT	PUBLIC ADVOCACY	INSTITUTIONAL PRESTIGE	Presentation of the LATAM 2023 Environmental Impunity Index, Senate of the Republic, November 22, 2023
46	2022-2023	TEACHERS	ENVIRONMENT	MEETING/CONFERENCE/FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Juan Antonio Le Clercq Ortega Speaker at Radboud Conference on Earth System Governance 2023
47	2022-2023	TEACHERS	ENVIRONMENT	MEETING/CONFERENCE/FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Juan Antonio Le Clercq Ortega Speaker at the 22nd Congress of the FIMPES Research Commission, Research for Sustainable Development, March 16, 2023
48	2022-2023	STUDENTS	WATER	MEETING/CONFERENCE/FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Students of the Bachelor's Degree in Civil Engineering and the Doctorate in Water Sciences Water and Our Future in Mexico, March 19, 2023
49	2022-2023	STUDENTS	WATER	MEETING/CONFERENCE/FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Students of the Bachelor's Degree in Civil Engineering and the Doctorate in Water Sciences. 1st International Forum Accelerating Actions towards Water Security, March 22 and 23, 2023 edei
50	2022-2023	STUDENTS	WATER	MEETING/CONFERENCE/FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Students of the Bachelor's Degree in Civil Engineering and the Doctorate in Water Sciences. External Events. A Challenge for Water Security in Diverse Sectors, October 4, 2023
51	2022-2023	STUDENTS	WATER	MEETING/CONFERENCE/FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Students of the Degree in Civil Engineering and the Doctorate in Water Sciences Climate Change and Water Security: Challenges for National Security in Various Sectors, November 29, 2023
52	2022-2023	TEACHERS	ENVIRONMENT	MEETING/CONFERENCE/FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Juan Antonio Le Clercq Ortega Members of the Working Group on Climate Justice and Security in Latin America, SIPRI-FES-Colombia, 2023
53	2022-2023	TEACHERS	ENVIRONMENT	RECOGNITION	INSTITUTIONAL PRESTIGE	Member of the Network of Mexican Scientists on Climate Change, (REDCiC), December 2023
54	2022-2023	TEACHERS	ENVIRONMENT	MEETING/CONFERENCE/FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Celeste Cedillo Environmental Impunity Index LATAM 2023 (IGI-AMB LATAM 2023)

Actions (2019 - 2024)

#	Year	Involved	Subject	Headings	Objective	Description of achievement
55	2022-2023	TEACHERS	ENVIRONME NT	MEETING/ CONFERENCE/ FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Celeste Cedillo Conference “The loss of environmental institutional capacities in Mexico, an analysis from the Environmental Impunity Index” AMEI
56	2022-2023	TEACHERS	ENVIRONME NT	MEETING/ CONFERENCE/ FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Celeste Cedillo Lecture: “Results of the Environmental Impunity Index Latin America”, amei
57	2022-2023	TEACHERS	ENVIRONME NT	MEETING/ CONFERENCE/ FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Celeste Cedillo Lecture: “Voices of the earth: activism of Latin American women in the defense of the earth”, amei
58	2022-2023	TEACHERS	ENVIRONME NT	PUBLICATIONS	INSTITUTIONAL PRESTIGE	Juan Antonio Le Clercq Ortega Chapter: “The law of nations and the protection of the environment”, unam-amei
59	2022-2023	TEACHERS	ENVIRONME NT	PUBLICATIONS	INSTITUTIONAL PRESTIGE	Juan Antonio Le Clercq Ortega Chapter: “The limit of the natural and the risk of catastrophe: post-pandemic climate scenarios”, unam
60	2022-2023	TEACHERS	ENVIRONME NT	PUBLICATIONS	INSTITUTIONAL PRESTIGE	Juan Antonio Le Clercq Ortega Chapter: Risk and environmental security in the Anthropocene. Perspectives on conceptual innovation and definition of an integrative agenda, National Defense College
61	2022-2023	TEACHERS	ENVIRONME NT	PUBLICATIONS	INSTITUTIONAL PRESTIGE	Juan Antonio Le Clercq Ortega Contributor to the international report: Environmental and climate justice and the dynamics of violence in Latin America, SIPRI-FES Colombia
62	2022-2023	TEACHERS	ENVIRONME NT	PUBLIC AFFAIRS	INSTITUTIONAL PRESTIGE	Juan Antonio Le Clercq Ortega LATAM 2023 Environmental Impunity Index (igi-amb latam 2023)
63	2022-2023	TEACHERS	ENVIRONME NT	PUBLICATIONS	INSTITUTIONAL PRESTIGE	Lee, Alison Elizabeth and Justin Stoler. 2023. “Climate change, water and food insecurity, migration: notes towards an intersectional approach from households”, Movilidades 4(15), 27–33
64	2022-2023	TEACHERS	ENVIRONME NT	MEETING/ CONFERENCE/ FORUM/WORKSHOP	INSTITUTIONAL PRESTIGE	Alison Lee <ul style="list-style-type: none"> <li>• Paper “Climate change, water and food insecurity and human mobility: a gender and intersectional approach from households” at the International Meeting on Human Mobility 2023, Mexico City.</li> <li>• Presentation ‘Climate change, water insecurity and human mobility : challenges to achieving SDG 6’, First International Forum, Accelerating Actions towards Water Security, unesco Chair in Hydrometeorological Risks, udlap, Puebla.</li> </ul>
65	2022-2023	TEACHERS	ENVIRONME NT	PUBLIC AFFAIRS	PRESTIGIO INSTITUCIONAL	An approach to the problem of environmental justice. Global Environmental Impunity Index Latin America 2023 pdf November 22

Actions (2019 - 2024)

#	Date	Involved	Subject	Headings	Action	Link	General
1	31/10/2018	STUDENTS	SUSTAINABILITY	MEETING/ CONFERENCE/ FORUM/WORKSH	UDLAP hosts the 6th Proactive Sustainability Meeting	<a href="https://blog.udlap.mx/blog/2018/10/31/udlap-presentan-el-6to-encuentro-proactivo-de-">https://blog.udlap.mx/blog/2018/10/31/udlap-presentan-el-6to-encuentro-proactivo-de-</a>	Proactive Sustainability Meeting is the result of a partnership between the University of the Americas Puebla and the Mexican Proactive Group, with the aim of jointly promoting all issues of sustainability and social responsibility.
2	11/03/2019	STUDENTS	WATER	MEETING/ CONFERENCE/ FORUM/WORKSH OP	UDLAP analyzes the presence of arsenic in drinking water	<a href="https://blog.udlap.mx/blog/2019/03/11/analizan-en-la-udlap-la-presencia-de-arsenico-en-agua-potable/">https://blog.udlap.mx/blog/2019/03/11/analizan-en-la-udlap-la-presencia-de-arsenico-en-agua-potable/</a>	The University of the Americas Puebla, through the UNESCO Chair, held the “Arsenic in Water Forum: Detection and Treatment”, an event in which researchers from national and international educational institutions shared their experience and the results of work carried out in this area.
3	07/07/2019	STUDENTS	WATER	COMPETITION	UDLAP student wins first place in Student Design Challenge	<a href="https://blog.udlap.mx/blog/2019/07/07/estudiante-udlap-obtiene-primer-lugar-en-desafio-de-diseno-estudiantil/">https://blog.udlap.mx/blog/2019/07/07/estudiante-udlap-obtiene-primer-lugar-en-desafio-de-diseno-estudiantil/</a>	David Eduardo Guevara Polo, an eighth-semester student on the Civil Engineering Degree at the Universidad de las Américas Puebla, won first place in the Student Design Challenge competition, which was held within the framework of the 2nd Latin American Youth Water Forum co-organized by the Mexican Association of Hydraulics and Bentley Systems.
4	12/03/2019	TEACHERS/	ENERGY	PROJECT	UDLAP professor obtains another patent	<a href="https://blog.udlap.mx/blog/2019/03/12/catedratico-udlap-obtiene-otra-patente/">https://blog.udlap.mx/blog/2019/03/12/catedratico-udlap-obtiene-otra-patente/</a>	The University of the Americas Puebla received a patent from the Mexican Institute of Industrial Property (IMPI); thanks again to the efforts of Dr. Pedro Bañuelos Sánchez, who, together with a group of students from the Department of Computing, Electronics and Mechatronics, presented the invention of a solar plow.
5	24/04/2019	STUDENTS	CLIMATE CHANGE	MEETING/ CONFERENCE/ FORUM/WORKSH OP	At CONIQUAAE UDLAP analyzes innovation and revolution in industrial technology	<a href="https://blog.udlap.mx/blog/2019/04/24/en-coniquaae-udlap-analiza-la-innovacion-revolucion-de-la-tecnologia-industrial/">https://blog.udlap.mx/blog/2019/04/24/en-coniquaae-udlap-analiza-la-innovacion-revolucion-de-la-tecnologia-industrial/</a>	The opening conference of the 13th National and International Congress of Chemical, Food, Environmental and Energy Engineering was given by Dr. Raúl Jesús Tauro, representative of the Mexican Bioenergy Network (Rembio), who in the presentation entitled “Bioenergy and climate change: Outlook for industry in Mexico”, spoke about the country's energy outlook and its relationship with climate change. “Climate change is a variation in normal global climate conditions over a specific period of time; it has three main impacts: on the earth's temperature, on rainfall and on sea level rise; these three have secondary impacts on health, agriculture, forestry resources, water resources, coastal areas and on species and natural areas,” explained Dr. Raúl Jesús Tauro, who also emphasized that the effects of climate change, mostly negative, particularly affect developing countries due to their lack of adaptive capacity and their location in vulnerable regions; “this is because economic resources are needed to address climate change”.
6	21/10/2025	TEACHERS	FOOD	COMPETITION	UDLAP student takes second place in competition organized by UNEP	<a href="https://blog.udlap.mx/blog/2020/10/21/estudiante-udlap-segundo-lugar-de-concurso-organizado-por-el-pnuma/">https://blog.udlap.mx/blog/2020/10/21/estudiante-udlap-segundo-lugar-de-concurso-organizado-por-el-pnuma/</a>	Andrea Mora Cruz, an Environmental Engineering student at the University of the Americas Puebla, won second place in the Sustainable Lifestyles Innovation Competition Mexico 2020, organized by the United Nations Environment Programme (UNEP), with the aim of generating ideas to solve problems in different aspects of the efficient use of natural resources, the environment, biodiversity conservation, climate change, poverty, among others.
7	06/04/2020	STUDENTS	WATER	AGREEMENT	UDLAP and Conagua sign collaboration agreement	<a href="https://blog.udlap.mx/blog/2020/04/06/udlap-conagua-signan-convenio-de-colaboracion/">https://blog.udlap.mx/blog/2020/04/06/udlap-conagua-signan-convenio-de-colaboracion/</a>	With the aim of establishing the basis for joint activities for the benefit of both communities and society in general, the University of the Americas Puebla and the National Water Commission (Conagua) signed a collaboration agreement which includes carrying out multiple academic, research and cultural dissemination activities for institutional development.  “One of the things that we are very interested in at UDLAP is promoting water management and what it really represents for our nation, making a change in terms of management and the way in which it is carried out, which is why we are promoting our doctorate in water management, which currently has the category of quality postgraduate degree granted by CONACYT”,

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#	Date	Involved	Subject	Headings	Action	Link	General
8	14/07/2020	STUDENTS/ COMPANIES	CONSERVATION	INTERNSHIP	UDLAP students travel to the Baja California peninsula as part of their professional training	<a href="https://blog.udlap.mx/blog/2020/07/14/estudiantes-udlap-realizan-viaje-la-peninsula-de-baja-california-como-parte-de-su-formacion-profesional/">https://blog.udlap.mx/blog/2020/07/14/estudiantes-udlap-realizan-viaje-la-peninsula-de-baja-california-como-parte-de-su-formacion-profesional/</a>	<p>In March 2020, students of the Bachelor of Biology at the University of the Americas Puebla made a trip to the Baja California Peninsula as part of their conservation biology field course.</p> <p>"In this course, our students gained first-hand experience of how conservation projects are carried out in Mexico. Over 10 days we covered an extensive area of the Baja California peninsula, visiting the Sierra de San Pedro Mártir National Park, the Punta Mazo nature reserve, the Valle Tranquilo nature reserve, the Ojo de Liebre coastal lagoon and the Valle de los Cirios flora and fauna protection area. It was emphasized that this trip was made possible thanks to the support of the Jiji Foundation of the United States, the civil conservation association Terra Peninsular A.C., the National Commission of Natural Protected Areas and the University of the Americas Puebla.</p>
9	06/09/2020	STUDENTS	FOOD	PROJECT	UDLAP graduate explains the main challenge for the post-COVID-19 agri-food sector	<a href="https://blog.udlap.mx/blog/2020/09/06/egresada-udlap-explica-el-reto-principal-del-sector-agroalimentario-post-covid-19/">https://blog.udlap.mx/blog/2020/09/06/egresada-udlap-explica-el-reto-principal-del-sector-agroalimentario-post-covid-19/</a>	<p>The challenge for the post-COVID-19 agrifood sector is to understand that healthy food is a human right and not a luxury, that everyone should have access to agrochemical-free food without poisons, said UDLAP graduate Adriana Luna Díaz, CEO of Tierra de Monte, during her presentation The Challenge for the Post-COVID-19 Agrifood Sector, organized by the Universidad de las Américas Puebla.</p> <p>She mentioned that she is taking on this challenge through her company Tierra de Monte, whose combination of knowledge of the countryside, of producers and of indigenous societies with science, offers solutions that are fully accessible to farmers to address different crop problems. "Our mission is to make agriculture a source of well-being and happiness for people and ecosystems," added the UDLAP graduate.</p>
10	07/02/2021	GRADUATES	FOOD	RECOGNITION	UDLAP graduate was awarded by GQ magazine	<a href="https://blog.udlap.mx/blog/2021/02/07/egresada-de-la-udlap-fue-galardonada-por-la-revista-gq/">https://blog.udlap.mx/blog/2021/02/07/egresada-de-la-udlap-fue-galardonada-por-la-revista-gq/</a>	<p>Adriana Luna Díaz, a graduate of the Universidad de las Américas Puebla, received the 2020 Men of the Year Award for sustainability and ecology from the international magazine GQ, thanks to her innovation platform for the countryside that combines the needs of the rural sector with technology, in order to provide solutions that materialize in the form of biological inputs, called Tierra de Monte.</p> <p>GQ, a monthly magazine published by Condé Nast focusing on fashion, style and culture, particularly for men, has turned the spotlight on social and environmental issues, challenges and initiatives that can provide examples and understanding. For this reason, it chose Tierra de Monte for representing these efforts in favor of the environment, awarding it a prize.</p>
11	16/04/2021	GRADUATES	GLOBAL CHALLENGES	MEETING/ CONFERENCE/ FORUM/WORKSHOP	The engineers of the future will have to look for new methods for industry	<a href="https://blog.udlap.mx/blog/2021/04/16/los-ingenieros-del-futuro-deberan-buscar-nuevos-metodos-para-la-industria/">https://blog.udlap.mx/blog/2021/04/16/los-ingenieros-del-futuro-deberan-buscar-nuevos-metodos-para-la-industria/</a>	<p>The challenge for engineers today is how to find new methods and solutions for different processes in industry, providing the opportunity to innovate and invent, said Dr. Rafiqul Gani, assistant professor at KAIST, in the first presentation of the National and International Congress of Chemical, Food, Environmental and Energy Engineering of the UDLAP, CONIIQUAAE XIV, a space where students, academics and professionals converge to talk about future solutions related to engineering and science in the world.</p>

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#	Date	Involved	Subject	Headings	Action	Link	General
12	09/06/2021	STUDENTS	ENERGY	COMPETITION	Mexican team wins first place in an international electric car design competition	<a href="https://blog.udlap.mx/blog/2021/06/09/equipo-mexicano-gana-primer-lugar-en-concurso-internacional-de-diseno-de-automoviles-electricos/">https://blog.udlap.mx/blog/2021/06/09/equipo-mexicano-gana-primer-lugar-en-concurso-internacional-de-diseno-de-automoviles-electricos/</a>	<p>The team made up of Luis Gerardo Carvajal Fernández, Marco Antonio Díaz Lozada, Gregorio Escobedo Straffon, José Mosqueda Márquez, Paul Rodrigo Tolentino Vázquez, 10th semester students of the Bachelor's Degree in Mechatronic Engineering at the University of the Americas Puebla and Diego Emilio Regalado Molina, a recent graduate in Automotive Engineering from the Autonomous University of Aguascalientes, won first place in the international electric racing car design competition organized by Europ.Education, a European educational company based in London.</p> <p>"The name of the competition in which we participated is called Formula E-Car Project, established by the European educational organization Europ.Education™ based in the United Kingdom</p>
13	27/10/2021	STUDENTS	ENVIRONMENT	PUBLIC ADVOCACY	Mexico suffers from considerable environmental impunity, say UDLAP professors	<a href="https://blog.udlap.mx/blog/2021/09/27/mexico-sufre-de-una-impunidad-ambiental-considerable-asegurancatedraticos-de-la-udlap/">https://blog.udlap.mx/blog/2021/09/27/mexico-sufre-de-una-impunidad-ambiental-considerable-asegurancatedraticos-de-la-udlap/</a>	Dr. Celeste Cedillo and Dr. Juan Antonio Le Clercq, professors at the University of the Americas Puebla, participated in the twelfth edition of the Latin American Congress on Peace Research, giving the presentation "Numbers of environmental injustice in Mexico: results and methodological considerations on the study and statistical measurement of environmental impunity".
14	20/10/2021	TEACHERS	WATER	RECOGNITION	UDLAP professor is one of the 50 leaders in the water sector in Mexico	<a href="https://blog.udlap.mx/blog/2021/09/20/catedratico-udlap-es-uno-de-los-50-lideres-del-sector-agua-en-mexico/">https://blog.udlap.mx/blog/2021/09/20/catedratico-udlap-es-uno-de-los-50-lideres-del-sector-agua-en-mexico/</a>	Dr. Polioptro Martínez Austria, professor at the University of the Americas Puebla, is one of the 50 leaders in the water sector in Mexico, a list compiled by the magazine Los Líderes in its 371st edition, sharing a place with consultants, researchers and managers from different government agencies from different parts of the country.
15	26/11/2021	TEACHERS	ENERGY	PROJECT	UDLAP graduate highlights the benefits of using photovoltaic energy	<a href="https://blog.udlap.mx/blog/2021/11/26/egresado-udlap-destaca-los-beneficios-del-uso-de-la-energia-fotovoltaica/">https://blog.udlap.mx/blog/2021/11/26/egresado-udlap-destaca-los-beneficios-del-uso-de-la-energia-fotovoltaica/</a>	David Antonio Olmos Vázquez, a graduate in Mechatronic Engineering from the University of the Americas Puebla (UDLAP) and dedicated to consultancy and technical support in the area of photovoltaics, affirms that the use of solar panels is increasing in Mexico for both residential and commercial spaces, thus highlighting the importance of the use of more sustainable energy sources as "an alternative or support for a green culture".
16	22/12/2021	GRADUATES	ENERGY	MEETING/CONFERENCE/FORUM/WORKSHOP	UDLAP academic highlights the importance of using clean energy and its promotion in Mexico, during the Biobío Energía Congress	<a href="https://blog.udlap.mx/blog/2021/12/22/academico-udlap-resalta-la-importancia-del-uso-de-energias-limpias-y-su-impulso-en-mexico-durante-el-congreso-de-biobio-energia/">https://blog.udlap.mx/blog/2021/12/22/academico-udlap-resalta-la-importancia-del-uso-de-energias-limpias-y-su-impulso-en-mexico-durante-el-congreso-de-biobio-energia/</a>	<p>Dr. Pedro Bañuelos Sánchez, an academic from the Department of Electronic Computing and Mechatronics at the University of the Americas Puebla, participated in Biobío Energía, the most important energy conference in Latin America, organized by the University of Concepción in Chile.</p> <p>During his presentation: Development Perspectives due to Distributed Generation in Mexico, he explained that distributed generation is a vital issue for all societies, understanding that this term refers to the generation of energy in the place where it is consumed, preferably from clean energy sources through photovoltaic or wind production systems, to mention the best known.</p>
17	29/03/2022	TEACHERS	SUSTAINABILITY	AGREEMENT	UDLAP becomes a partner of UN-Habitat's World Urban Campaign	<a href="https://blog.udlap.mx/blog/2022/03/29/la-udlap-se-convierte-en-socio-de-world-urban-campaign-de-un-habitat/">https://blog.udlap.mx/blog/2022/03/29/la-udlap-se-convierte-en-socio-de-world-urban-campaign-de-un-habitat/</a>	<p>The Department of Architecture at the University of the Americas Puebla was accepted as a partner in the World Urban Campaign of the UN-Habitat program, a global platform for collaboration and promotion created to raise awareness of the positive urban phenomenon, with the aim of achieving green, productive, safe, healthy, inclusive and well-planned cities.</p> <p>The appointment of the UDLAP Department of Architecture as a WUC partner represents recognition of academic work on global issues and their discussion from a local perspective.</p>

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#	Date	Involved	Subject	Headings	Action	Link	General
18	12/04/2022	STUDENTS/ COMPANIES	WATER	MEETING/CONFERENCE/FORUM/WORKSHOP	In Mexico, 1,970 cubic meters of water are consumed per person per year	<a href="https://blog.udlap.mx/blog/2022/04/12/en-mexico-se-consumen-1970-metros-cubicos-de-agua-por-persona-al-ano/">https://blog.udlap.mx/blog/2022/04/12/en-mexico-se-consumen-1970-metros-cubicos-de-agua-por-persona-al-ano/</a>	Within the framework of the 15th National and International Congress of Chemical, Food, Environmental and Energy Engineering (CONIIQUAAE), the University of the Americas Puebla gave the lecture "Wastewater reuse: opportunities and challenges", by Dr. Itzel Márquez, who holds a Bachelor's and Master's degree in Chemical Engineering from UDLAP, who emphasized that water is undoubtedly one of the resources that is very intricate in our life: "according to statistics provided by the environmental indicator metros-cubicos-de-agua-por-persona- Water Footprint, which measures the amount of water used in a good or service, The United States is the country that consumes the most water, at around 2,483 cubic meters per person per year; while Mexico is further down the list, with 1,970 cubic meters of water consumed per person per year," said Dr. Itzel Márquez, who also emphasized that globally, almost 7,450 cubic kilometers of water are consumed per year.
19	29/05/2022	STUDENTS	CONSERVATION	INTERNSHIP	UDLAP students participate in a project to restore the reefs of Veracruz	<a href="https://blog.udlap.mx/blog/2022/05/29/estudiantes-udlap-participan-en-proyecto-de-recuperacion-de-arrecifes-veracruzanos/">https://blog.udlap.mx/blog/2022/05/29/estudiantes-udlap-participan-en-proyecto-de-recuperacion-de-arrecifes-veracruzanos/</a>	Sixteen students on the Bachelor's Degree in Biology at the University of the Americas Puebla (UDLAP) carried out fieldwork at the Veracruz Aquarium and the Veracruz Reef System National Park, with the aim of strengthening their knowledge and applying what they had learned in the laboratories and classrooms.  "We had a field trip for the marine biology course of the Bachelor's Degree in Biology on May 6 and 7 of this year, which included three activities, the first at the Veracruz Aquarium, and the other two at the Veracruz Reef System National Park."
20	14/06/2022	STUDENTS	WATER	MEETING/CONFERENCE/FORUM/WORKSHOP	A PhD student in Water Sciences at UDLAP participates in the annual meeting of the Society of Toxicology in the United States	<a href="https://blog.udlap.mx/blog/2022/06/14/estudiante-del-doctorado-en-ciencias-del-agua-de-la-udlap-participa-en-la-reunion-anual-de-la-society-of-toxicology-en-estados-unidos/">https://blog.udlap.mx/blog/2022/06/14/estudiante-del-doctorado-en-ciencias-del-agua-de-la-udlap-participa-en-la-reunion-anual-de-la-society-of-toxicology-en-estados-unidos/</a>	Valérie's doctoral thesis stands out for seeking the use of yeasts to degrade persistent organic pollutants in water.  Valérie Pihen Martínez, an eighth-semester student of the PhD in Water Sciences at the University of the Americas Puebla (UDLAP), was recognized with the Travel Award of the Hispanic Organization of Toxicologists, a prize that allowed her to attend and present a poster about her doctoral thesis project at the Annual Meeting of the Society of Toxicologists of the United States.
21	01/06/2022	GRADUATES	FOOD	COMPETITION	UDLAP students and graduates, among the world's top 20 at MIT Solv[ED] Youth Innovation Challenge	<a href="https://blog.udlap.mx/blog/2022/06/01/estudiantes-y-egresados-udlap-dentro-del-top-20-mundial-del-mit-solved-youth-innovation-challenge/">https://blog.udlap.mx/blog/2022/06/01/estudiantes-y-egresados-udlap-dentro-del-top-20-mundial-del-mit-solved-youth-innovation-challenge/</a>	Regarding his project, Emilio Khalil Guerrero Escobedo, a graduate in Chemical Engineering, explained that they focused mainly on tackling the problem of the mismanagement of organic waste, especially food waste, as he stated that around 1.3 million tons of this waste are thrown away every year worldwide and few people use it, "we focus on taking this waste and putting it to use, in order to contribute to a circular economy and also combat the problem of land desertification and food shortages"
22	22/08/2022	GRADUATES	ENERGY	CONTRIBUTION	Mexico with great potential for sustainable development through bioeconomy and bioenergy	<a href="https://blog.udlap.mx/blog/2022/08/22/mexico-con-gran-potencial-para-su-desarrollo-sostenible-a-traves-de-la-bioeconomia-y-bioenergia/">https://blog.udlap.mx/blog/2022/08/22/mexico-con-gran-potencial-para-su-desarrollo-sostenible-a-traves-de-la-bioeconomia-y-bioenergia/</a>	The bioeconomy is the future of business and society as it is developing rapidly in all industries. As an example, the UDLAP graduate cited bioenergy, a rapidly growing industry. Specifically in Mexico, she commented that there is a great opportunity and need to transition to bioenergy, since energy production continues to be mainly sustained by fossil resources, "a non-renewable and unsustainable resource that does not provide energy security either".
23	27/09/2022	TEACHERS/	WATER	MEETING/CONFERENCE/FORUM/WORKSHOP	UDLAP analyzes the water situation in Mexico	<a href="https://blog.udlap.mx/blog/2022/09/27/analizan-en-udlap-situacion-del-agua-en-mexico/">https://blog.udlap.mx/blog/2022/09/27/analizan-en-udlap-situacion-del-agua-en-mexico/</a>	The UNESCO-UDLAP Chair in Hydrometeorological Risks organized a colloquium that brought together representatives of national associations and students of Civil Engineering and the PhD in Water Sciences.  Mexico is facing a water crisis, not only due to its limited availability in certain areas of the country, due to the deficiency of services or quality, but also due to its overexploitation, inappropriate management, and an increase in pumping and extraction costs, among other things explained by Dr. Carlos Díaz, research professor at the Inter-American Institute of Water Technology and Sciences (IITCA), during the Water Security Colloquium at the University of the Americas Puebla (UDLAP).

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#	Date	Involved	Subject	Headings	Action	Link	General
24	07/11/2022	STUDENTS	FLORA AND FAUNA	AGREEMENT	UDLAP joins BASF's "Wings for the Field" initiative	<a href="https://blog.udlap.mx/blog/2022/11/07/udlap-se-une-a-la-iniciativa-de-basf-alas-para-el-campo/">https://blog.udlap.mx/blog/2022/11/07/udlap-se-une-a-la-iniciativa-de-basf-alas-para-el-campo/</a>	<p>The University of the Americas Puebla (UDLAP) joins the Wings for the Field initiative, "an initiative that has focused on creating solid alliances with key actors that allow us to contribute to improving the habitat of the monarch butterfly and other pollinators," said Verónica Hernández, BASF's Director of Corporate Affairs, Government and Sustainability for Mexico, Central America and the Caribbean, during the presentation of the first results of this initiative.</p> <p>The incorporation of UDLAP in this initiative is in addition to the placement of three pollinator gardens on its premises, which will help raise awareness throughout the community of the importance of pollinators for agriculture, as well as carrying out research and academic activities with its student community.</p>
25	23/01/2023	STUDENTS/ COMPANIES	CLIMATE CHANGE	COMPETITION	UDLAP graduate selected in the Young Climate Ambassadors call for applications	<a href="https://blog.udlap.mx/blog/2023/01/23/egresada-de-la-udlap-seleccionada-en-convocatoria-de-jovenes-embajadores-por-el-clima/">https://blog.udlap.mx/blog/2023/01/23/egresada-de-la-udlap-seleccionada-en-convocatoria-de-jovenes-embajadores-por-el-clima/</a>	<p>Ingrid Valdez Luna, a graduate in International Relations from the University of the Americas Puebla (UDLAP), was selected in the call for Young Climate Ambassadors Mexico-European Union, a network that brings together 30 young people committed to climate protection and biodiversity in the country.</p> <p>"Being selected as a climate friend by the European Union is something very valuable, since I am currently working in the Ministry of Environment and Natural Resources of Hidalgo, so this selection gives me greater opportunities so that my projects are not only local, but also linked to international organizations"</p>
26	10/01/2023	GRADUATES	FLORA AND FAUNA	ART	UDLAP graduate recognized as best wildlife photographer	<a href="https://blog.udlap.mx/blog/2023/01/10/egresado-udlap-reconocido-como-mejor-fotografo-de-vida-silvestre/">https://blog.udlap.mx/blog/2023/01/10/egresado-udlap-reconocido-como-mejor-fotografo-de-vida-silvestre/</a>	<p>Fernando wants his photographs to be a tool for the conservation and awareness of species that inhabit areas such as the Yucatan peninsula.</p> <p>Fernando Constantino Martínez Belmar, a graduate in Biology from the University of the Americas Puebla (UDLAP), was awarded first prize in wildlife photography by the Natural History Museum in London for his photograph "bat hunter", and recently won the "Photographer of the Year" award in the Nature inFocus competition with a portfolio entitled "Balam-The Endangered King of the Mayan Jungle", which shows the reality of the jaguar's life on the Yucatán peninsula.</p>
27	23/02/2023	GRADUATES	ENERGY	CONTRIBUTION	Green hydrogen, a path towards solving pollution	<a href="https://blog.udlap.mx/blog/2023/02/23/hidrogeno-verde-un-camino-hacia-la-solucion-de-la-contaminacion/">https://blog.udlap.mx/blog/2023/02/23/hidrogeno-verde-un-camino-hacia-la-solucion-de-la-contaminacion/</a>	<p>"Green hydrogen is part of the solution against climate change and pollution," said Gina Elisa Lagunes Díaz, director of the German-Nigerian Hydrogen Office and graduate of the University of the Americas Puebla (UDLAP), who also explained that to achieve this result, various measures, resources and cooperation are needed.</p> <p>Green hydrogen is a fuel produced from renewable energy and water, which can be used to generate ammonia, diesel or methanol, as Ms. Lagunes Díaz explained in an interview. During the interview, she stated that its use could be the beginning of the energy transition and part of the solutions to climate change, "because when green hydrogen is burned, water and heat are generated, so that is what is needed to achieve carbon neutrality and reduce emissions,"</p>
28	22/03/2023	GRADUATES	GLOBAL CHALLENGES	MEETING/CONFERENCE/FORUM/WORKSHOP	UDLAP holds the National and International Congress of Chemical, Food, Environmental and Energy Engineering	<a href="https://blog.udlap.mx/blog/2023/03/22/udlap-realiza-el-congreso-nacional-e-internacional-de-ingenieria-quimica-alimentos-ambiental-y-energia/">https://blog.udlap.mx/blog/2023/03/22/udlap-realiza-el-congreso-nacional-e-internacional-de-ingenieria-quimica-alimentos-ambiental-y-energia/</a>	<p>We are aware that we face enormous challenges, from climate change and pollution to energy shortages and problems with mass food production; but we also have knowledge, experience and innovative technologies that can help us overcome these challenges and build a better world for us and future generations. This conference is a testament to our commitment to harnessing the power of chemical, food, environmental and energy engineering to meet these challenges.</p>
29	17/04/2023	STUDENTS	SUSTAINABILITY	MEETING/CONFERENCE/FORUM/WORKSHOP	UDLAP students learn about the work and importance of an arborist architect	<a href="https://blog.udlap.mx/blog/2023/04/17/estudiantes-udlap-conocen-la-labor-e-importancia-de-un-arquitecto-arborista/">https://blog.udlap.mx/blog/2023/04/17/estudiantes-udlap-conocen-la-labor-e-importancia-de-un-arquitecto-arborista/</a>	<p>To begin his presentation, engineer Edgar Ojeda stated that urban trees have gone from being seen as an ornamental object in the city to being a functional element, as they have environmental, ecosystemic and even touristic benefits, since a well-wooded area is where people go more and stay longer, which leads to the businesses there prospering more. "This paradigm shift goes from the ornamental vision and perception to the ecosystemic vision and physical and mental health."</p>

Actions (2019 - 2024)

#	Date	Involved	Subject	Headings	Action	Link	General
30	12/04/2023	STUDENTS	SUSTAINABILITY	COMPETITION	BASF and UDLAP launch the call for entries for the 9th edition of their joint award: "Innovate for the future"	<a href="https://blog.udlap.mx/blog/2023/04/12/basf-y-la-udlap-lanzan-la-convocatoria-de-la-9a-edicion-de-su-premio-conjunto-innovar-para-el-futuro/">https://blog.udlap.mx/blog/2023/04/12/basf-y-la-udlap-lanzan-la-convocatoria-de-la-9a-edicion-de-su-premio-conjunto-innovar-para-el-futuro/</a>	In order to recognize innovation and creativity in the approach to solutions by undergraduate and postgraduate students in various areas of knowledge application, BASF and the University of the Americas Puebla (UDLAP) are launching the BASF-UDLAP "Innovate for the Future" award, which redefines its title to encompass other fields of knowledge that present research results from projects focused on the construction of sustainable solutions.
31	10/07/2023	STUDENTS/ COMPANIES	ENERGY	CONTRIBUTION	Mexico is a solar paradise, UDLAP graduate	<a href="https://blog.udlap.mx/blog/2023/07/10/mexico-es-un-paraiso-solar-egresada-udlap/">https://blog.udlap.mx/blog/2023/07/10/mexico-es-un-paraiso-solar-egresada-udlap/</a>	Due to its geographical position, Mexico is a privileged country in terms of solar radiation, which is why it should be interested in panel technology, both for the regularity of the electrical service, to avoid blackouts, and to help reduce the carbon footprint and global warming; all this together with the economic savings for each house, which, according to Fanny Wenzel Garay, People Ops Lead at Bright Inc. and a graduate in Business Administration from the University of the Americas Puebla (UDLAP), can range from 20 to 98%, depending on the type of installation.
32	14/08/2023	GRADUATES	FOOD	MEETING/CONFERENCE/FORUM/WORKSHOP	UDLAP PhD student in Food Science participates in international conference in France	<a href="https://blog.udlap.mx/blog/2023/08/14/estudiante-del-doctorado-en-ciencia-de-alimentos-de-la-udlap-participa-en-conferencia-">https://blog.udlap.mx/blog/2023/08/14/estudiante-del-doctorado-en-ciencia-de-alimentos-de-la-udlap-participa-en-conferencia-</a>	As part of her doctorate, Ms. Pihen is researching the use of emerging and sustainable technologies for the food industry.
33	09/10/2023	STUDENTS	GLOBAL CHALLENGES	COMPETITION	UDLAP prepares to participate in the Social Ideas Challenge competition	<a href="https://blog.udlap.mx/blog/2023/10/09/se-alista-udlap-para-participar-en-el-concurso-social-ideas-challenge/">https://blog.udlap.mx/blog/2023/10/09/se-alista-udlap-para-participar-en-el-concurso-social-ideas-challenge/</a>	The Universidad de las Américas Puebla called on its students to come up with ideas with a social or environmental impact, with a view to finding the best one to represent the university itself in the Social Ideas Challenge, a competition organized by the Hemispheric University Consortium (HUC) and the Pontificia Universidad Católica de Chile, the aim of which is to exhibit the project in Miami and receive mentoring to make it a reality.  To participate in the Social Ideas Challenge, UDLAP called on its undergraduate and graduate students to come up with ideas to help solve current social problems, specifically socio-environmental challenges. "You don't need to elaborate a project in an extensive way, just an idea that can have a social or environmental impact; obviously it has to work economically and it should be linked to some of the UN's Sustainable Development goals."
34	21/11/2023	STUDENTS	ENERGY	COMPETITION	With a winning idea, UDLAP students contribute to the preservation of the environment	<a href="https://blog.udlap.mx/blog/2023/11/21/con-idea-ganadora-estudiantes-udlap-contribuyen-a-la-preservacion-del-medio-ambiente/">https://blog.udlap.mx/blog/2023/11/21/con-idea-ganadora-estudiantes-udlap-contribuyen-a-la-preservacion-del-medio-ambiente/</a>	For their project: 'Solar parking for electric vehicles', María del Carmen Barrera Amador, Eduardo Canizalez Ortega, Hugo Gael Varela Hernández and Javier Antonio Gómez Zurita, Mechatronics Engineering students at the University of the Americas Puebla (UDLAP), were the winners of the ElectroHack 2023 competition.
35	13/12/2023	STUDENTS	SUSTAINABILITY	PROJECT	Academics and graduates analyze the optimization and evaluation of thermal and energy performance	<a href="https://blog.udlap.mx/blog/2023/12/13/academica-y-egresadas-analizan-la-optimizacion-y-evaluacion-del-rendimiento-termico-y-energetico/">https://blog.udlap.mx/blog/2023/12/13/academica-y-egresadas-analizan-la-optimizacion-y-evaluacion-del-rendimiento-termico-y-energetico/</a>	The development of this research stems from the class on sustainability in architecture, a subject that is taught in few degree programs in Mexico.
36	10/01/2024	TEACHERS/	SUSTAINABILITY	PRACTICE	UDLAP architecture students carry out bamboo project in Cuauhtamazaco, Cuetzalan	<a href="https://blog.udlap.mx/blog/2024/01/10/estudiantes-de-arquitectura-de-la-udlap-realizan-proyecto-con-bambusen-cuauhtamazaco-cuetzalan/">https://blog.udlap.mx/blog/2024/01/10/estudiantes-de-arquitectura-de-la-udlap-realizan-proyecto-con-bambusen-cuauhtamazaco-cuetzalan/</a>	Students of the Degree in Architecture at the University of the Americas Puebla (UDLAP), together with the OJTAT workshop, designed and built a multipurpose dining hall for the Digital High School of the community of Cuauhtamazaco, Cuetzalan; this, as part of the work of the research project on the conservation of the biocultural landscape of Cuetzalan and the work with Nahua communities in the region for the construction of housing and equipment with local and bioclimatic materials.

Actions (2019 - 2024)

#	Date	Involved	Subject	Headings	Action	Link	General
37	02/01/2024	STUDENTS	ENVIRONMENT	COMPETITION	UDLAP biology students carry out research stay at Canadian universities	<a href="https://blog.udlap.mx/blog/2024/01/02/estudiantes-de-biologia-de-la-udlap-realizan-estancia-de-investigacion-en-universidades-de-canada/">https://blog.udlap.mx/blog/2024/01/02/estudiantes-de-biologia-de-la-udlap-realizan-estancia-de-investigacion-en-universidades-de-canada/</a>	<p>Six students studying for a degree in Biology at the University of the Americas Puebla (UDLAP) took part in the Mitacs Globalink Research Internship 2023 program, which involved a research placement in Canada, where they worked on various projects.</p> <p>Biology students from UDLAP are currently seeking to be part of this project and to continue promoting links between the two countries as part of the 2024 call for applications; that is why the six students invited the student community to be part of this call for applications as it is open to different disciplines, not just biology.</p>
38	01/03/2024	TEACHERS/	WATER	MEETING/ CONFERENCE/ FORUM/WORKSH OP	75% of Mexican territory is affected by drought	<a href="https://blog.udlap.mx/blog/2024/03/01/75-del-territorio-mexicano-presenta-un-grado-de-sequia/">https://blog.udlap.mx/blog/2024/03/01/75-del-territorio-mexicano-presenta-un-grado-de-sequia/</a>	<p>In response to the current situation in our country, which is facing an imminent water emergency, the University of the Americas Puebla (UDLAP) Extension Mexico City and the UNESCO-UDLAP Chair in Hydrometeorological Risks held the forum "Water Crisis: Dimensions and Alternatives", an event in which Dr. Felipe Arreguín Cortés, Vice-President of Academic Development and Research Support of the College of Civil Engineers of Mexico, A.C (CICM), spoke about the water crisis that is taking place in Mexico City, explained the causes of the crisis, and made some proposals that could help mitigate this social problem</p>
39	25/04/2024	STUDENTS	ENVIRONMENT	PUBLIC INFLUENCE	UDLAP presents the Environmental IGI at the Conference of the Parties of the Escazú Agreement	<a href="https://blog.udlap.mx/blog/2024/04/25/udlap-presenta-el-igi-ambiental-en-la-conferencia-de-las-partes-del-acuerdo-de-escazu/">https://blog.udlap.mx/blog/2024/04/25/udlap-presenta-el-igi-ambiental-en-la-conferencia-de-las-partes-del-acuerdo-de-escazu/</a>	<p>The University of the Americas Puebla (UDLAP) made a presentation of the Environmental Impunity Index of Latin America 2023, during the third meeting of the Conference of the Parties (COP3) of the Escazú Agreement, an international treaty regarding protocols for the protection of the environment, carried out by an agency of the United Nations Organization.</p>
40	01/04/2024	STUDENTS	ENERGY	COMPETITION	UDLAP students, third place in the ElectroHack	<a href="https://blog.udlap.mx/blog/2024/04/01/estudiantes-udlap-tercer-lugar-del-electrohack/">https://blog.udlap.mx/blog/2024/04/01/estudiantes-udlap-tercer-lugar-del-electrohack/</a>	<p>With their project for an urban solid waste incineration plant, five engineering students from the University of the Americas Puebla (UDLAP) won third place in ElectroHack, a competition organized by the Puebla State Energy Agency (AEEP) focused on proposing solutions to a real problem related to clean energy and electromobility.</p>
41	05/06/2024	TEACHERS/	POLLUTION	MEETING/ CONFERENCE/ FORUM/WORKSH OP	At UDLAP, the European Union Ambassador to Mexico spoke about what to do to mitigate pollution of the planet	<a href="https://blog.udlap.mx/blog/2024/06/05/en-la-udlap-el-embajador-de-la-union-europea-en-mexico-hablo-sobre-que-hacer-para-mitigar-la-contaminacion-del-planeta/">https://blog.udlap.mx/blog/2024/06/05/en-la-udlap-el-embajador-de-la-union-europea-en-mexico-hablo-sobre-que-hacer-para-mitigar-la-contaminacion-del-planeta/</a>	<p>Gutier Mignot, ambassador and head of the European Union delegation in Mexico, gave a talk entitled 'The European Green Deal', explaining to students at the University of the Americas Puebla (UDLAP) what European governments are doing for the well-being of the planet and its environment.</p>
42	24/07/2024	STUDENTS	ENVIRONMENT	MEETING/ CONFERENCE/ FORUM/WORKSH OP	UDLAP Architecture and Civil Engineering hold international seminar with specialists in water, climate and soil	<a href="https://blog.udlap.mx/blog/2024/07/24/arquitectura-e-ingenieria-civil-de-la-udlap-realizan-seminario-internacional-con-especialistas-en-agua-clima-y-suelo/">https://blog.udlap.mx/blog/2024/07/24/arquitectura-e-ingenieria-civil-de-la-udlap-realizan-seminario-internacional-con-especialistas-en-agua-clima-y-suelo/</a>	<p>During this seminar, PhD students in Water Sciences at UDLAP received feedback and opportunities for collaboration with the invited specialists.</p> <p>The University of the Americas Puebla, through its Departments of Civil Engineering and Architecture, held the International Research Seminar "Water, Climate and Soil in Latin America", an event that brought together specialists and researchers from Mexico, Germany, Argentina, Brazil, Chile, Colombia, Guatemala, Paraguay, Panama, Peru and Venezuela.</p>
43	07/08/2024	TEACHERS	CLIMATE CHANGE	MEETING/ CONFERENCE/ FORUM/WORKSH OP	At UDLAP, national and international specialists analyze the issue of sustainability and climate change	<a href="https://blog.udlap.mx/blog/2024/08/07/en-la-udlap-especialistas-nacionales-e-internacionales-analizan-tema-de-sostenibilidad-y-cambio-climatico/">https://blog.udlap.mx/blog/2024/08/07/en-la-udlap-especialistas-nacionales-e-internacionales-analizan-tema-de-sostenibilidad-y-cambio-climatico/</a>	<p>From August 5 to 9, 2024, the University of the Americas Puebla (UDLAP) in partnership with the Mexican Academy of Research and Teaching in Chemical Engineering (AMIDIQ), will hold the second "Chemical Process Engineering Workshop (PSE)-2024", an event that seeks to contribute to and deepen the optimization of chemical processes, as well as address unavoidable social problems such as the sustainability of processes, climate change and the manufacture of chemical products.</p>
44	16/09/2024	STUDENTS	FOOD	MEETING/ CONFERENCE/ FORUM/WORKSH OP	Food security specialists meet at UDLAP	<a href="https://blog.udlap.mx/blog/2024/09/16/en-la-udlap-se-reunen-especialistas-en-seguridad-alimentaria/">https://blog.udlap.mx/blog/2024/09/16/en-la-udlap-se-reunen-especialistas-en-seguridad-alimentaria/</a>	<p>Delving into these details, the doctor explained that there are five most frequent sources of contamination: people, soil, animals, construction tools and water. Regarding the latter, she acknowledged that "water has a very big influence on food safety". In this regard, she explained that treated water has a lower risk of contamination, followed by deep well water, and that surface water open to the environment is the riskiest.</p>

Actions (2019 - 2024)

#	Date	Involved	Subject	Headings	Action	Link	General
45	27/11/2024	STUDENTS	SUSTAINABILITY	PROJECT	UDLAP architects stand out at the Pan American Congress of Lighting Luxamérica 2024	<a href="https://blog.udlap.mx/blog/2024/11/27/destacan-arquitectas-de-la-udlap-en-el-congreso-panamericano-de-iluminacion-luxamerica-2024/">https://blog.udlap.mx/blog/2024/11/27/destacan-arquitectas-de-la-udlap-en-el-congreso-panamericano-de-iluminacion-luxamerica-2024/</a>	"Evaluation of natural lighting in social housing in a hot and humid climate, according to EN17037 and LEED v.4.1 criteria", a piece of research that compares the level of natural lighting in single-family homes and the environmental benefits offered by this type of design. "The intention was to measure how much natural light enters each space of the project, promoting energy savings and reducing greenhouse gases," said Gabriela.
46	12/11/2024	STUDENTS	CLIMATE CHANGE	PROJECT	UDLAP graduate and professor carry out study on sea warming published in scientific journal	<a href="https://blog.udlap.mx/blog/2024/11/12/egresada-y-profesor-de-la-udlap-realizan-estudio-sobre-el-calentamiento-del-mar-publicado-en-revista-cientifica/">https://blog.udlap.mx/blog/2024/11/12/egresada-y-profesor-de-la-udlap-realizan-estudio-sobre-el-calentamiento-del-mar-publicado-en-revista-cientifica/</a>	"The Aquarium of the World is experiencing a process called tropicalization, that is to say, a generalized increase in the surface temperature of the sea, this is related to a lower availability of food" for the marine species that inhabit the Gulf of California and the affectation of the nearby inhabitants who are dependent on the sea, both for fishing and for tourism.
47	05/12/2024	STUDENTS	GLOBAL CHALLENGES	ART	Capilla del Arte UDLAP opens its new exhibition: "Contra/territorio: Nuevas Cartografías"	<a href="https://blog.udlap.mx/blog/2024/12/05/capilla-del-arte-udlap-inaugura-su-nueva-exposicion-contra-territorio-nuevas-cartografias/">https://blog.udlap.mx/blog/2024/12/05/capilla-del-arte-udlap-inaugura-su-nueva-exposicion-contra-territorio-nuevas-cartografias/</a>	La Capilla del Arte UDLAP, the cultural space of the UDLAP, is once again opening its doors to the exhibition "Contra/territorio: Nuevas Cartografías" (Counter/territory: New Cartographies), a collective exhibition that invites visitors to reflect on and discover how landscape and territory are transformed under the influence of human activity.
48	20/01/2025	STUDENTS	WASTE	INNOVATION	UDLAP graduates receive the Innovators Under 35 LATAM award	<a href="https://blog.udlap.mx/blog/2025/01/20/egresados-udlap-recibieron-el-reconocimiento-innovators-under-35-latam/">https://blog.udlap.mx/blog/2025/01/20/egresados-udlap-recibieron-el-reconocimiento-innovators-under-35-latam/</a>	Enrique González Monterrubio and Lizette Alejandra Minjares Espinoza, graduates of the UDLAP and founders of Nanoblast, a company that develops products based on nanotechnology and the use of agave waste for the treatment of ulcers, received the "Innovators Under 35 LATAM" award, which the MIT Technology Review magazine gives annually to people under 35 who are involved in an innovative project in areas such as health, the environment, new technologies, among others.
49	02/01/2025	STUDENTS	CONSERVATION	PROJECT	In issue 22 of the magazine Entorno UDLAP, find out how economic development will help forest conservation	<a href="https://blog.udlap.mx/blog/2025/01/02/en-la-edicion-22-de-la-revista-entorno-udlap-conoce-como-el-desarrollo-economico-ayudara-a-la-conservacion-de-los-bosques/">https://blog.udlap.mx/blog/2025/01/02/en-la-edicion-22-de-la-revista-entorno-udlap-conoce-como-el-desarrollo-economico-ayudara-a-la-conservacion-de-los-bosques/</a>	In the 22nd edition of this magazine, the text written by Martín Alfonso López Ramírez, an academic from the Department of Economics at the University of the Americas Puebla, stands out. In collaboration with co-authors César Vázquez González and César Columna Franco, he wrote the cover article entitled "Economic Development and the Environment" which analyzes the global loss of forest areas and the rate of deforestation in different regions between 1990 and 2020, an issue that, due to its ecological, economic and social implications, is currently one of the greatest challenges.
50	13/02/2025	TEACHER/GRADUATES	CLIMATE CHANGE	MEETING/CONFERENCE/FORUM/WORKSHOP	Natural and social phenomena lead to the creation of new insurance products	<a href="https://blog.udlap.mx/blog/2025/02/13/fenomenos-naturales-y-sociales-llevan-a-la-creacion-de-nuevos-seguros/">https://blog.udlap.mx/blog/2025/02/13/fenomenos-naturales-y-sociales-llevan-a-la-creacion-de-nuevos-seguros/</a>	In her presentation, Act. González Blandutti emphasized that there are four points to which actuaries must pay attention: 1) Artificial intelligence and automated language, 2) Cybersecurity, 3) Big data and 4) Climate change, which is causing claims and losses amounting to billions of pesos, she assured. She also said that all of the above has led to the creation of new types of insurance, such as agricultural insurance used to protect against crop losses due to extreme weather events; terrorism; cyber-attacks or political risk to protect against government decisions that could affect companies, institutions or production models; and he even stated that there are home insurance policies that cover objects falling from the sky, something he called for review as a meteorite is predicted to fall on April 13, 2029
51	03/03/2025	STUDENTS	GLOBAL CHALLENGES	COMPETITION	UDLAP holds second edition of the UDLAP Engineering Award	<a href="https://blog.udlap.mx/blog/2025/03/03/la-udlap-realizo-la-segunda-edicion-del-premio-de-ingenieria-udlap/">https://blog.udlap.mx/blog/2025/03/03/la-udlap-realizo-la-segunda-edicion-del-premio-de-ingenieria-udlap/</a>	With the aim of recognizing the creativity and innovation of young people in upper secondary education interested in proposing solutions to problems that are part of the Sustainable Development goals of the United Nations (UN) 2030 Agenda where engineering plays an important role, the Universidad de las Américas Puebla held the second edition of the UDLAP Engineering Award, a competition in which the young participants designed projects to solve problems related to sustainable cities and the environment, food, energy, industry, and climate change.
52	28/11/2019	GRADUATES	FLORA AND FAUNA	MEETING/CONFERENCE	UDLAP hosts congress of val	<a href="https://blog.udlap.mx/blog/2019/11/28/la-udlap-recibe-congreso-valioso-para-la-humanidad/">https://blog.udlap.mx/blog/2019/11/28/la-udlap-recibe-congreso-valioso-para-la-humanidad/</a>	The University of the Americas Puebla is hosting the 11th Mesoamerican Congress of Native Bees, an event that brings together researchers, beekeepers, educators, sociologists and people interested in the conservation of these insects, which are essential for the conservation not only of plants and flowers, but of the whole of humanity, which today is experiencing serious setbacks.

Actions (2019 - 2024)

#	Date	Involved	Subject	Headings	Action	Link	General
53	19/09/2019	TEACHERS	SUSTAINABILITY PROJECT		UDLAP academic represents	<a href="https://blog.udlap.mx/blog/2019/09/19/academica-udlap-representa-mexico-en-consejo-editorial-de-solarlits/">https://blog.udlap.mx/blog/2019/09/19/academica-udlap-representa-mexico-en-consejo-editorial-de-solarlits/</a>	Dr. Doris Abigail Chi Pool, professor in the Department of Architecture at the University of the Americas Puebla, was appointed member of the editorial board of Solarlits, an important international medium responsible for providing cutting-edge research in solar energy and lighting, thus becoming the only representative from Mexico.
54	22/03/2019	STUDENTS	SUSTAINABILITY MEETING/CONFERENCE	Tourism innovations and sustainability		<a href="https://blog.udlap.mx/blog/2019/03/22/innovaciones-turisticas-sustentabilidad-temas-de-discusion-en-el-primero-congreso-de-turismo-de-la-udlap/">https://blog.udlap.mx/blog/2019/03/22/innovaciones-turisticas-sustentabilidad-temas-de-discusion-en-el-primero-congreso-de-turismo-de-la-udlap/</a>	The first Tourism Congress "EAT: Experience And Travel" organized by the boards of directors of Culinary Arts and Hotel and Restaurant Administration of the University of the Americas Puebla, together with the Department of Tourism, enriched the knowledge of young students in tourism innovations and sustainability as high-level components of the hospitality sector.
55	08/05/2019	STUDENTS	SUSTAINABILITY COMPETITION		UDLAP and BASF announce	<a href="https://blog.udlap.mx/blog/2019/05/08/udlap-basf-convocan-al-premio-universitario-construyendo-soluciones-sustentables/">https://blog.udlap.mx/blog/2019/05/08/udlap-basf-convocan-al-premio-universitario-construyendo-soluciones-sustentables/</a>	With the aim of recognizing innovation and creativity among undergraduate students in the fields of science and engineering, the company BASF and the University of the Americas Puebla (UDLAP) have launched the BASF-UDLAP Building Sustainable Solutions University Award, which consists of presenting the results of research projects focused on the construction of sustainable solutions with chemistry, based on three themes: natural resources, environment and climate; food and food security; and quality of life (energy efficiency and mobility).
56	03/09/2019	STUDENTS	WATER PROJECT		UDLAP professor joins CONAC	<a href="https://blog.udlap.mx/blog/2019/09/03/catedratico-udlap-se-une-al-comite-nacional-de-grandes-presas-de-la-conagua/">https://blog.udlap.mx/blog/2019/09/03/catedratico-udlap-se-une-al-comite-nacional-de-grandes-presas-de-la-conagua/</a>	Dr. Polioptro Martínez Austria, director of the UNESCO-UDLAP Chair in Hydrometeorological Risks, was chosen as the representative of the University of the Americas Puebla to participate in the meetings of the National Committee on Large Dams, a group of experts formed by the National Water Commission to rely on it for decision-making on the operation of Mexico's hydraulic systems and water management.
57	10/03/2020	TEACHERS	GLOBAL CHALLENGE MEETING/CONFERENCE		UDLAP Engineering Congress	<a href="https://blog.udlap.mx/blog/2020/03/10/congreso-de-ingenieria-udlap-advierte-retos-de-la-disciplina/">https://blog.udlap.mx/blog/2020/03/10/congreso-de-ingenieria-udlap-advierte-retos-de-la-disciplina/</a>	For three days, the University of the Americas Puebla is hosting the 15th International Congress of Civil Engineering. In which different tools are provided to face the challenges that the discipline has today, through 16 technical presentations and two workshops with outstanding national and international personalities in the different branches that civil engineering studies, teaches and practices.
58	23/04/2020	STUDENTS	FLORA AND FAUNA MEETING/CONFERENCE		UDLAP students receive environmental education	<a href="https://blog.udlap.mx/blog/2020/04/23/estudiantes-de-la-udlap-recibieron-taller-de-educacion-ambiental-para-el-manejo-de-reptiles/">https://blog.udlap.mx/blog/2020/04/23/estudiantes-de-la-udlap-recibieron-taller-de-educacion-ambiental-para-el-manejo-de-reptiles/</a>	On February 21st, students of the Degree in Biology at the University of the Americas Puebla participated in the event called "Reptile Management Workshop", which aimed to educate students through proximity to herpetofauna that allows the malignant figure of these organisms to be demystified and translates into actions with a positive impact on the environment.
59	31/08/2020	STUDENTS/COMP	WATER MEETING/CONFERENCE		Without water, 2030 could be a fatality	<a href="https://blog.udlap.mx/blog/2020/08/31/sin-agua-el-2030-puede-ser-fatidico-catedratico-de-la-udlap/">https://blog.udlap.mx/blog/2020/08/31/sin-agua-el-2030-puede-ser-fatidico-catedratico-de-la-udlap/</a>	"Your water supply has an expiry date, you are using it up and at a certain point there will not be enough, you will have no water. (Therefore) take care of your water resources, don't waste water, respect it," warned Dr. Polioptro Martínez Austria, professor at the University of the Americas Puebla, during his online conference for the Ministry of Environment, Sustainable Development and Land Management of the Government of Puebla.
60	10/12/2020	TEACHERS	CLIMATE CHANGE MEETING/CONFERENCE		UDLAP academics and researchers	<a href="https://blog.udlap.mx/blog/2020/12/10/academicos-investigadores-de-la-udlap-analizan-relacion-isla-de-calor-urbana-calentamiento-global/">https://blog.udlap.mx/blog/2020/12/10/academicos-investigadores-de-la-udlap-analizan-relacion-isla-de-calor-urbana-calentamiento-global/</a>	How has the temperature and humidity in cities increased due to their design? was the question analyzed by academic-researchers and graduates of the Department of Architecture of the University of the Americas Puebla, during the webinar entitled Urban Heat Island or Global Warming? The event was moderated by Dr. Edwin González Meza, an academic from the Department of Architecture at UDLAP, who opened the activity by giving the floor to graduates Mónica Alatorre Fernández de Lara and Emmanuel Guarneros Ortiz, who spoke and defined the heat island as the accumulation of heat due to the immense mass of concrete and some other heat-absorbing materials. They also said that this occurs in large cities and it has been observed that this phenomenon increases with the size of the city and is directly proportional to the size of the urban area.

Actions (2019 - 2024)

#	Date	Involved	Subject	Headings	Action	Link	General
61	20/04/2021	STUDENTS	ENVIRONMENT	PUBLIC ADVOCACY	UDLAP presents its Environr	<a href="https://blog.udlap.mx/blog/2021/04/20/la-udlap-presento-su-indice-de-impunidad-ambiental-2020/">https://blog.udlap.mx/blog/2021/04/20/la-udlap-presento-su-indice-de-impunidad-ambiental-2020/</a>	The University of the Americas Puebla presented the Environmental Impunity Index Mexico 2020, a document that offers an overview of the environmental problems in the different states of the Mexican Republic, through comparative statistical information on crimes, damage, capacities and the functioning of environmental policies. This helps to identify areas of opportunity for the formulation and implementation of environmental policies that guarantee a healthy environment.
62	23/06/2021	STUDENTS	SUSTAINABILITY	PROJECT	Book published by UDLAP hi	<a href="https://blog.udlap.mx/blog/2021/06/23/libro-editado-por-la-udlap-destaca-la-importancia-de-la-luz-natural-en-la-arquitectura/">https://blog.udlap.mx/blog/2021/06/23/libro-editado-por-la-udlap-destaca-la-importancia-de-la-luz-natural-en-la-arquitectura/</a>	The main objective of the most recent work published by the UDLAP is to provide criteria for the design of windows applicable according to the needs of the different climatic regions of Mexico, which is why Natural lighting through windows: Window criteria for Mexican climates, responds to the current context of climate change and the need to develop sustainable architectural design strategies that allow for the reduction of the consumption of non-renewable resources and the creation of comfortable environments.
63	08/08/2021	TEACHERS	GLOBAL CHALLENGE MEETING/	CONFER	UDLAP and Stanford Univer	<a href="https://blog.udlap.mx/blog/2021/08/08/udlap-y-universidad-de-stanford-unen-conocimientos-para-analizar-los-desafios-ambientales/">https://blog.udlap.mx/blog/2021/08/08/udlap-y-universidad-de-stanford-unen-conocimientos-para-analizar-los-desafios-ambientales/</a>	“Biological extinction, the greatest threat to life support systems”: Dr. Dirzo “To maintain the level of our current lives we need 1.6 worlds without climate change and without population growth”: Dr. Ramsay. Dr. Alejandro Arias del Razo of the University of the Americas Puebla and Dr. Rodolfo Dirzo of Stanford University organized the forum Expert Forecasts for the Planet: On the Road to an Inhospitable Future, in which they discussed the environmental challenges the planet is facing, the risks of underestimating these challenges and how to avoid a bleak future for society.
64	23/10/2021	TEACHER/ GRADUATE	GLOBAL CHALLENGE MEETING/	CONFER	UDLAP students and expert	<a href="https://blog.udlap.mx/blog/2021/09/23/estudiantes-udlap-y-experta-dialogan-sobre-la-economia-circular-aplicada-en-la-arquitectura/">https://blog.udlap.mx/blog/2021/09/23/estudiantes-udlap-y-experta-dialogan-sobre-la-economia-circular-aplicada-en-la-arquitectura/</a>	Circular Economy for Architects was a discussion aimed at opening up the possibility for future architects at the UDLAP to apply the principle of the circular economy to design or create solutions for tomorrow through their creativity and knowledge, as this model of production and consumption could reduce waste in some industrial sectors and greenhouse gas emissions. “It is important that you, as architects and designers of the world, take away a little of this idea of circularity and how to use circular economy strategies before starting a project,” added speaker Anelise Schumacher, a member of the international team of Amealco Taller Colaborativo.
65	12/10/2021	TEACHERS	ENERGY	PROJECT	UDLAP graduate collaborate	<a href="https://blog.udlap.mx/blog/2021/10/15/egresado-udlap-colabora-en-proyecto-de-celdas-solares-para-aplicaciones-espaciales/">https://blog.udlap.mx/blog/2021/10/15/egresado-udlap-colabora-en-proyecto-de-celdas-solares-para-aplicaciones-espaciales/</a>	Eduardo Camarillo, a graduate of the University of the Americas Puebla (UDLAP), is doing a PhD in Physics at the University of Cambridge and is part of a group developing ultra-thin, nanostructured solar cells for space applications.  “We may think that we have little material with which to absorb light and convert it into electricity, that’s where nanotechnology comes in to make that cell, even though it is very thin, useful and competitive. Therefore, this device could improve technology on earth, to explore other instances of space,” explained the graduate of Nanotechnology and Molecular Engineering from UDLAP.
66	16/11/2021	TEACHERS	ENVIRONMENT	PUBLIC ADVOCACY	UDLAP’s Environmental Imp	<a href="https://blog.udlap.mx/blog/2021/11/16/el-indice-de-impunidad-ambiental-mexico-2020-de-la-udlap-uno-de-los-diez-proyectos-galardonados-por-el-paris-peace-forum/">https://blog.udlap.mx/blog/2021/11/16/el-indice-de-impunidad-ambiental-mexico-2020-de-la-udlap-uno-de-los-diez-proyectos-galardonados-por-el-paris-peace-forum/</a>	The Environmental Impunity Index Mexico 2020, developed by the Center for Studies on Impunity and Justice at the University of the Americas Puebla, SIMO Consulting and with the collaboration of FES Transformación México, was one of the 10 projects awarded during the closing of the Paris Peace Forum, and as such this initiative will receive support and accompaniment from the Scale-Up Committee to replicate its methodology in Latin America.
67	14/02/2023	TEACHERS	ENVIRONMENT	PROJECT	UDLAP academic selected for	<a href="https://blog.udlap.mx/blog/2022/02/14/academico-udlap-seleccionado-en-el-programa-de-estudios-latinoamericanos-de-princeton/">https://blog.udlap.mx/blog/2022/02/14/academico-udlap-seleccionado-en-el-programa-de-estudios-latinoamericanos-de-princeton/</a>	The UDLAP academic emphasized that during this research stay he will carry out activities related to his project on impunity, a topic he has worked on in various spaces and has generated some projects in conjunction with other researchers, “in my case I presented a proposal to continue my research on environmental justice and impunity, something I already did for the Mexican case. The idea is to extend the research, to make an index for Latin America on these issues,” he shared.

Actions (2019 - 2024)

#	Date	Involved	Subject	Headings	Action	Link	General
68	17/03/2022	TEACHERS	CONSERVATION	PRACTICES	UDLAP biology students unc	<a href="https://blog.udlap.mx/blog/2022/03/17/estudiantes-de-biologia-de-la-udlap-realizan-practicas-de-campo-y-fortalecen-su-aprendizaje-academico/">https://blog.udlap.mx/blog/2022/03/17/estudiantes-de-biologia-de-la-udlap-realizan-practicas-de-campo-y-fortalecen-su-aprendizaje-academico/</a>	Twenty-three students of Biotic Resources of Mexico, studying for a degree in Biology at the University of the Americas Puebla, carried out fieldwork in the ecological reserve run by the civil association La Otra Opción, an important activity to strengthen the academic learning of the students. “This practical was designed to enable young people to learn about and understand how a natural environment can be restored, how it is managed, the challenges involved and how its resources can be used sustainably.”
69	03/04/2022	STUDENTS	GLOBAL CHALLENGE	MEETING/ CONFERENCE	Fifteenth CONIQUAAE UDLAP	<a href="https://blog.udlap.mx/blog/2022/04/03/xv-coniiquaae-udlap-abre-espacio-para-debatir-sobre-energia-alimentos-quimica-y-ambiental/">https://blog.udlap.mx/blog/2022/04/03/xv-coniiquaae-udlap-abre-espacio-para-debatir-sobre-energia-alimentos-quimica-y-ambiental/</a>	It is worth mentioning that the guest of honor at the inauguration of the 15th National and International Congress of Chemical, Food, Environmental and Energy Engineering was Eng. Arizay Landa Montero, president of the Mexican Society of Environmental Engineering (SMIA), who highlighted the importance of continuing to strengthen ties and form alliances with universities and students, “because we believe that the promotion of technical and scientific knowledge will generate awareness and the will to face the environmental events that we are generating”
70	22/05/2022	GRADUATES	CLIMATE CHANGE	MEETING/ CONFERENCE	UDLAP architecture student	<a href="https://blog.udlap.mx/blog/2022/05/22/estudiantes-de-arquitectura-de-la-udlap-participan-en-el-primer-festival-de-urbanismo-tactico/">https://blog.udlap.mx/blog/2022/05/22/estudiantes-de-arquitectura-de-la-udlap-participan-en-el-primer-festival-de-urbanismo-tactico/</a>	This panel also addressed how the right to the city also faces new challenges such as climate change, where Jorge Senil, director of Climate Change at the SMAOT, reinforced the importance of working hand in hand with all the areas involved to improve the environmental conditions of cities.
71	05/06/2022	TEACHERS	CLIMATE CHANGE	ART	UDLAP graduate takes part in	<a href="https://blog.udlap.mx/blog/2022/06/05/egresada-udlap-forma-parte-de-exposicion-colectiva-sobre-cambio-climatico/">https://blog.udlap.mx/blog/2022/06/05/egresada-udlap-forma-parte-de-exposicion-colectiva-sobre-cambio-climatico/</a>	The piece “El universo en un líquen” (The universe in a lichen) by Ana Parrodi Anaya, a graduate in Visual Information Design and professor at the University of the Americas Puebla (UDLAP), is part of the collective exhibition SOS hosted at the Galería Secreta located in the center of Mérida Yucatán. The SOS exhibition, organized by the Galería Secreta, features the participation of 48 national and foreign artists who were selected through the sustainable art call for entries, among them, the participation of Ana Parrodi.
72	25/08/2022	TEACHERS	GLOBAL CHALLENGE	CONTRIBUTION	Battery recycling, one of the	<a href="https://blog.udlap.mx/blog/2022/08/25/reciclaje-de-baterias-de-los-grandes-retos-para-la-industria-de-autos-electricos-o-hibridos-egresado-udlap/">https://blog.udlap.mx/blog/2022/08/25/reciclaje-de-baterias-de-los-grandes-retos-para-la-industria-de-autos-electricos-o-hibridos-egresado-udlap/</a>	The future of electric or hybrid cars will have to be reviewed, because although they are a great solution for climate issues, questions must be raised about the materials used, the manufacturing process, the design of the bodywork and what will happen to obsolete components, especially useless batteries, said Miguel Ángel García Aguilar, a graduate of the Universidad de las Américas Puebla (UDLAP) and an engineer specializing in the production of electric and sports vehicles for Porsche AG. Miguel Ángel García Aguilar, a graduate of the University of the Americas Puebla (UDLAP) and an engineer specializing in the production of electric and sports vehicles at Porsche AG.
73	09/08/2022	STUDENTS	ENVIRONMENT	PUBLIC ADVOCACY	UDLAP academics publish an	<a href="https://blog.udlap.mx/blog/2022/08/09/academicos-de-la-udlap-publican-articulo-sobre-la-impunidad-ambiental-en-mexico/">https://blog.udlap.mx/blog/2022/08/09/academicos-de-la-udlap-publican-articulo-sobre-la-impunidad-ambiental-en-mexico/</a>	Academics and researchers from the University of the Americas Puebla (UDLAP), Dr. Celeste Cedillo, from the Department of International Relations and Political Science, and Dr. Juan Antonio Le Clercq, dean of the School of Social Sciences, published the article “Numbers of Environmental Injustice: Measuring Impunity in Mexico” in Íconos Revista de Ciencias Sociales, a publication of FLACSO Ecuador, in which they share part of the results of the Global Environmental Impunity Index Mexico, (IGI-AMB 2020).
74	09/10/2022	STUDENTS	SUSTAINABILITY	RECOGNITION	BASF and UDLAP build Sustainable	<a href="https://blog.udlap.mx/blog/2022/10/09/basf-y-udlap-construyen-soluciones-sustentables/">https://blog.udlap.mx/blog/2022/10/09/basf-y-udlap-construyen-soluciones-sustentables/</a>	The Guillermo and Sofía Jenkins Auditorium at the University of the Americas Puebla (UDLAP) was the perfect setting for the award ceremony of the “Building Sustainable Solutions BASF-UDLAP 2022” prize, a competition organized by UDLAP and BASF with the aim of recognizing the work of young chemical researchers who make scientifically and technologically innovative contributions aimed at improving sustainable chemistry.

Actions (2019 - 2024)

#	Date	Involved	Subject	Headings	Action	Link	General
75	31/01/2023	STUDENTS	GLOBAL CHALLENGE MEETING/	CONFERENCE	UDLAP brings together architects	<a href="https://blog.udlap.mx/blog/2023/01/31/udlap-reune-a-estudiantes-de-arquitectura-durante-la-visita-del-arq-peter-van-lengen/">https://blog.udlap.mx/blog/2023/01/31/udlap-reune-a-estudiantes-de-arquitectura-durante-la-visita-del-arq-peter-van-lengen/</a>	The subject of the talk was bio-architecture, which seeks to build in harmony with the ecosystem. The Department of Architecture at the University of the Americas Puebla (UDLAP), through its students and academics, held an inter-university dialogue with the participation of architect Peter Van Lengen, who presented the reissue of the book Manual del Arquitecto Descalzo (Manual of the Barefoot Architect), an important text for bio-construction.
76	19/01/2023	GRADUATES	WATER	AGREEMENT	UDLAP and the Puebla City Council	<a href="https://blog.udlap.mx/blog/2023/01/19/la-udlap-y-el-ayuntamiento-de-puebla-clausuran-taller-sobre-el-manejo-de-aguas-residuales/">https://blog.udlap.mx/blog/2023/01/19/la-udlap-y-el-ayuntamiento-de-puebla-clausuran-taller-sobre-el-manejo-de-aguas-residuales/</a>	The University of the Americas Puebla (UDLAP) and the Puebla City Council concluded the workshop 'Empresas con Rumbo Ambiental' (Companies with an Environmental Direction), a training course for the industrial, service and commercial sectors on the responsible use of water, as well as the management, treatment and reuse of industrial wastewater.
77	05/01/2023	GRADUATES	SUSTAINABILITY	CONTRIBUTION	UDLAP graduate participated	<a href="https://blog.udlap.mx/blog/2023/01/05/egresada-udlap-participo-en-libro-sobre-sustentabilidad-compartida/">https://blog.udlap.mx/blog/2023/01/05/egresada-udlap-participo-en-libro-sobre-sustentabilidad-compartida/</a>	Adriana Luna Díaz, a graduate of the Universidad de las Américas Puebla (UDLAP) and CEO of Tierra de Monte, co-authored a chapter of the book 'Neither capitalism nor socialism: shared sustainability. Transformative movements of the economic system in Latin America', which explores alternative models and sectoral initiatives driving change.
78	26/03/2023	TEACHERS	WATER	MEETING/	CONFERENCE UDLAP organizes international forum	<a href="https://blog.udlap.mx/blog/2023/03/26/la-udlap-organiza-foro-internacional-sobre-la-seguridad-hidrica/">https://blog.udlap.mx/blog/2023/03/26/la-udlap-organiza-foro-internacional-sobre-la-seguridad-hidrica/</a>	In the framework of World Water Week 2023, the University of the Americas Puebla (UDLAP), through its Department of Civil and Environmental Engineering and the UNESCO Chair in Hydrometeorological Risks, held the international forum: Accelerating Actions towards Water Security, an event where expert researchers addressed issues and presented projects related to the problems of hydrometeorological risks and water quality.
79	05/03/2023	STUDENTS/COMPANIES	FAUNA AND FLOIART		UDLAP graduate awarded scholarship	<a href="https://blog.udlap.mx/blog/2023/03/05/egresada-de-la-udlap-obtuvo-una-beca-para-hacer-una-residencia-en-islandia/">https://blog.udlap.mx/blog/2023/03/05/egresada-de-la-udlap-obtuvo-una-beca-para-hacer-una-residencia-en-islandia/</a>	For this reason, the MFA in art Ana Cecilia Parrodi took lichens as the central figure of her project, documenting in photographs each organism seen during walks and then painting it with exaggerated colors, in order to draw the attention of the viewer, but at the same time, to present to him on a large scale a macro life form to appreciate its beauty, understanding it and making them aware of all the micro or macroscopic organisms that coexist with them on a daily basis. "It's about learning about different life forms, so that we can understand how our environment works and take care of it."
80	16/04/2023	STUDENTS	FAUNA AND FLOIART		UDLAP graduate artist presented project	<a href="https://blog.udlap.mx/blog/2023/04/16/artista-egresada-udlap-presenta-proyecto-sobre-arte-y-hongos/">https://blog.udlap.mx/blog/2023/04/16/artista-egresada-udlap-presenta-proyecto-sobre-arte-y-hongos/</a>	The Fungus Project is made up of many works that relate to one of the artist's greatest interests: the exploration through art of the symbiotic relationships of fungi, algae and non-human organisms. "I see it as a life project because many things relate to fungi; their ways of life are interesting and when they relate to other organisms they achieve very cool things," said Ms. Parrodi at the beginning of the talk. In this talk, the tour of her artistic work began with the piece Ecological Ensemble, which has to do with the symbiotic interaction between two different types of organisms
81	18/07/2023	COMPANIES	SUSTAINABILITY	INTERNSHIPS	UDLAP architecture student	<a href="https://blog.udlap.mx/blog/2023/07/18/academica-y-estudiantes-de-arquitectura-de-la-udlap-desarrollan-proyecto-en-cuetzalan/">https://blog.udlap.mx/blog/2023/07/18/academica-y-estudiantes-de-arquitectura-de-la-udlap-desarrollan-proyecto-en-cuetzalan/</a>	Dr. Schumacher emphasized that this project received recognition from the Senate of the Republic on April 19, 2023. "This recognition comes at a great moment, when strategic alliances have been achieved with the Technical University of Munich, the Humbert Foundation for Social Development and Biodiversity A. C., the Cuetzalan del Progreso Town Council, the Cuetzalan Cultural Center, the FLACAM Foundation UNESCO Chair in Sustainability, the Tlalli Amealco Workshop, among other institutions that are committed to the conservation not only of biodiversity within the State of Puebla, but also to community development and the preservation of the tangible and intangible heritage of the Northeastern Sierra"

Actions (2019 - 2024)

#	Date	Involved	Subject	Headings	Action	Link	General
82	20/08/2023	GRADUATES	WATER	MEETING/ CONFER	UDLAP joins World Water Week	<a href="https://blog.udlap.mx/blog/2023/08/20/la-udlap-se-une-a-la-semana-mundial-del-agua/">https://blog.udlap.mx/blog/2023/08/20/la-udlap-se-une-a-la-semana-mundial-del-agua/</a>	World Water Week reminds human beings of the importance of water, its many uses and the concern to guarantee it in the future; in Mexico alone, the three main uses of this vital liquid are agriculture, the urban public and the industrial sector, said Dr. Carlos Patiño Gómez, professor at the University of the Americas Puebla and director of the UNESCO-UDLAP Chair in Hydrometeorological Risks.
83	01/08/2023	TEACHERS/	SUSTAINABILITY	COMPETITION	UDLAP Consultants promote	<a href="https://blog.udlap.mx/blog/2023/08/01/udlap-consultores-promueve-la-movilidad-en-la-ciudad-sustentable/">https://blog.udlap.mx/blog/2023/08/01/udlap-consultores-promueve-la-movilidad-en-la-ciudad-sustentable/</a>	The University of the Americas Puebla (UDLAP), through UDLAP Consultores, is calling for entries for the essay competition "Mobility in the sustainable city", which will award the winner a scholarship to study the diploma course "Mobility in the sustainable city", which aims to provide the necessary tools to analyze the fundamentals of sustainable mobility and its relationship with urban development, [...]
84	05/10/2023	STUDENTS	WATER	MEETING/ CONFER	Care for and pay for water, climate	<a href="https://blog.udlap.mx/blog/2023/10/05/cuidar-y-pagar-el-agua-piden-expertos-en-catedra-unesco-udlap-en-riesgos-hidrometeorologicos/">https://blog.udlap.mx/blog/2023/10/05/cuidar-y-pagar-el-agua-piden-expertos-en-catedra-unesco-udlap-en-riesgos-hidrometeorologicos/</a>	The University of the Americas Puebla (UDLAP) was graced with the presence of government authorities, academics, students and experts from different institutions, as it hosted the round tables Extreme events: A challenge for water security in various sectors, organized by the UNESCO-UDLAP Chair in Hydrometeorological Risks.
85	21/11/2023	GRADUATES	SUSTAINABILITY	RECOGNITION	BASF and UDLAP award prize	<a href="https://blog.udlap.mx/blog/2023/11/21/basf-y-udlap-premian-propuestas-con-mejores-soluciones-sustentables/">https://blog.udlap.mx/blog/2023/11/21/basf-y-udlap-premian-propuestas-con-mejores-soluciones-sustentables/</a>	The University of the Americas Puebla (UDLAP) hosted the award ceremony for the "Innovate for the Future BASF - UDLAP 2023" prize, a competition organized by UDLAP and BASF to recognize the innovation and creativity that young undergraduate and graduate researchers have implemented in the development of research projects focused on the construction of sustainable solutions in the following categories: food security, quality of life, care and restoration of biodiversity, attention to and mitigation of climate change, and implementation of circular economy proposals
86	12/12/2023	GRADUATES	WATER	MEETING/ CONFER	Forum at UDLAP brings together	<a href="https://blog.udlap.mx/blog/2023/12/12/foro-en-la-udlap-reune-ideas-para-garantizar-agua-para-el-futuro/">https://blog.udlap.mx/blog/2023/12/12/foro-en-la-udlap-reune-ideas-para-garantizar-agua-para-el-futuro/</a>	Seeking suggestions to help reduce the vulnerability of extreme water-related events in the country, in order to guarantee access to the vital liquid in quantity and quality, the Universidad de las Américas Puebla (UDLAP) brought together a group of experts in the water, environmental, communications infrastructure and transportation sectors to hold the forum Climate Change and Water Security: Challenges for national security in various sectors, in its extension in Mexico City.
87	08/01/2024	TEACHERS/	WATER	PROJECT	UDLAP PhD students present	<a href="https://blog.udlap.mx/blog/2024/01/08/estudiantes-de-doctorado-udlap-presentan-propuestas-de-proyectos-de-investigacion-para-tratamiento-de-agua/">https://blog.udlap.mx/blog/2024/01/08/estudiantes-de-doctorado-udlap-presentan-propuestas-de-proyectos-de-investigacion-para-tratamiento-de-agua/</a>	Valerie Pihen Martínez and Rafael Andrés Borobio Castillo, PhD students in Water Sciences at the University of the Americas Puebla (UDLAP), developed research ideas for the degradation of persistent organic pollutants in water, as well as for creating a simulation tool for the treatment of this vital liquid.
88	22/02/2024	STUDENTS	WATER	AGREEMENT	UDLAP and the Ministry of	<a href="https://blog.udlap.mx/blog/2024/02/22/udlap-y-la-secretaria-de-medio-ambiente-brindan-taller-a-87-empresas/">https://blog.udlap.mx/blog/2024/02/22/udlap-y-la-secretaria-de-medio-ambiente-brindan-taller-a-87-empresas/</a>	The University of the Americas Puebla (UDLAP), the Puebla City Council and the Ministry of the Environment presented diplomas to 87 companies confirming the successful completion of the wastewater treatment workshop given by UDLAP Consultores, which aims to promote the efficient use, culture of care and reuse of water among the municipality's productive sectors.
89	30/04/2024	TEACHERS/	SUSTAINABILITY	COMPETITION	BASF and UDLAP present the	<a href="https://blog.udlap.mx/blog/2024/04/30/basf-y-la-udlap-presentan-la-decima-edicion-del-premio-innovar-para-el-futuro/">https://blog.udlap.mx/blog/2024/04/30/basf-y-la-udlap-presentan-la-decima-edicion-del-premio-innovar-para-el-futuro/</a>	Within the framework of the tenth anniversary of the "Innovate for the Future" Award, the University of the Americas Puebla (UDLAP) and the company BASF are calling on undergraduate and postgraduate students to participate in this important competition. This initiative, in line with the United Nations (UN) Sustainable Development Goals and the resolutions of the conferences on Climate Change and Biodiversity, seeks to promote innovation and creativity to address environmental and sustainability challenges.
90	02/04/2024	STUDENTS	CONSERVATION	INTERNSHIPS	UDLAP Biology students participate	<a href="https://blog.udlap.mx/blog/2024/04/02/estudiantes-de-biologia-de-la-udlap-participan-en-proyectos-de-conservacion-en-la-peninsula-de-baja-california/">https://blog.udlap.mx/blog/2024/04/02/estudiantes-de-biologia-de-la-udlap-participan-en-proyectos-de-conservacion-en-la-peninsula-de-baja-california/</a>	Students of the Degree in Biology at the University of the Americas Puebla (UDLAP) traveled to the Baja California Peninsula to take part in the 2024 Conservation Biology Field Workshop, which was held from March 6 to 14 of this year, for the fifth consecutive time with the collaboration of Terra Peninsular A.C. and UDLAP.

Actions (2019 - 2024)

#	Date	Involved	Subject	Headings	Action	Link	General
91	27/06/2024	COMPANIES	SUSTAINABILITY	INTERNSHIPS	UDLAP students apply their	<a href="https://blog.udlap.mx/blog/2024/06/27/estudiantes-de-la-udlap-aplican-sus-conocimientos-academicos-en-el-barrio-de-jesus-tlatempa/">https://blog.udlap.mx/blog/2024/06/27/estudiantes-de-la-udlap-aplican-sus-conocimientos-academicos-en-el-barrio-de-jesus-tlatempa/</a>	As part of the activities of the community project #TlatempaVivo, in which the university has participated since 2017, students of Hotel and Restaurant Administration from the University of the Americas Puebla (UDLAP) created a community agro-garden in the Jesús Tlatempa neighborhood in San Pedro Cholula, which was made possible thanks to the continuous work that the young students carried out as part of their social service, fundraising, and the help of neighbors and different entities that donated supplies.
92	03/06/2024	TEACHERS/	FOOD	ART	UDLAP academic recognized	<a href="https://blog.udlap.mx/blog/2024/06/03/academica-udlap-es-reconocida-por-su-trabajo-de-divulgacion-cientifica-a-traves-de-comics/">https://blog.udlap.mx/blog/2024/06/03/academica-udlap-es-reconocida-por-su-trabajo-de-divulgacion-cientifica-a-traves-de-comics/</a>	Flor Guga, a full-time professor in the Department of Design at the University of the Americas Puebla (UDLAP), obtained a special mention in the fourth edition of the competition: Desgranando Cómics, with her work “Sobre el maíz en general, y el olotón en particular” (On corn in general, and olotón in particular), a graphic narrative that exposes the extraction of national biotechnological goods by a US company.
93	05/07/2024	STUDENTS	RECYCLING	VOLUNTEERING	UDLAP Aztecas join the society	<a href="https://blog.udlap.mx/blog/2024/07/05/los-aztecas-udlap-se-unieron-a-la-causa-social-del-reciclaje/">https://blog.udlap.mx/blog/2024/07/05/los-aztecas-udlap-se-unieron-a-la-causa-social-del-reciclaje/</a>	The UDLAP Aztecas American football team joined the recycling program of Salva al mar, to help it separate, accommodate and move waste taken by the people of Puebla to the Children's Park. This is a recurring labor of the University of the Americas Puebla in its continuous commitment to society and the environment.
94	23/09/2024	STUDENTS/COMPARECYCLING	RECYCLING	VOLUNTEERING	UDLAP Aztecas an example	<a href="https://blog.udlap.mx/blog/2024/09/23/los-aztecas-udlap-un-ejemplo-para-la-sociedad/">https://blog.udlap.mx/blog/2024/09/23/los-aztecas-udlap-un-ejemplo-para-la-sociedad/</a>	The University of the Americas Puebla (UDLAP) reaffirmed its commitment to social responsibility by having its Track and Field Team participate in the recycling day organized by Salva al Mar, a non-profit organization dedicated to promoting environmental awareness and care through waste separation.
95	24/10/2024	TEACHERS/	SUSTAINABILITY	INTERNSHIPS	Architecture UDLAP promotes	<a href="https://blog.udlap.mx/blog/2024/10/24/arquitectura-udlap-impulsa-la-innovacion-social-en-cuetzalan/">https://blog.udlap.mx/blog/2024/10/24/arquitectura-udlap-impulsa-la-innovacion-social-en-cuetzalan/</a>	Since 2023, the Department of Architecture at UDLAP has strengthened its commitment to social innovation through a series of projects that promote sustainable construction and participatory design in the communities of Tatahuictaltipan, Cuauhtamazaco and Xiloxochico, located in the Cuetzalan region. These initiatives focus on the use of technology and the use of bamboo as a key material, integrating nature-based solutions for architectural design in vulnerable rural contexts.
96	18/11/2024	STUDENTS	ENERGY	COMPETITION	UDLAP students win first place	<a href="https://blog.udlap.mx/blog/2024/11/18/estudiantes-udlap-primer-lugar-del-electrohack-2024/">https://blog.udlap.mx/blog/2024/11/18/estudiantes-udlap-primer-lugar-del-electrohack-2024/</a>	Under the guidance of Dr. Pedro Bañuelos Sánchez, professor of Computer Science, Electronics and Mechatronics at the University of the Americas Puebla, UDLAP students proposed a project to generate green hydrogen, store it and use it to produce electricity. “We made a system to generate electricity far from a centralized power plant. What it does is store energy so that it can be accessed immediately; what’s more, if we wanted to store it, we wouldn't need lithium batteries and they wouldn't be discharged,” explained Sebastián Pineda, a mechatronics engineering student at UDLAP.
97	17/12/2024	TEACHERS/	CLIMATE CHANGE	PROJECT	UDLAP graduate participates	<a href="https://blog.udlap.mx/blog/2024/12/17/egresada-udlap-participo-en-el-sargatech-cancun-2024/">https://blog.udlap.mx/blog/2024/12/17/egresada-udlap-participo-en-el-sargatech-cancun-2024/</a>	Dr. Andrea Bonilla Brunner presented a project that provides solutions to two serious ecological problems: sea warming and the accumulation of sargassum on beaches.
98	29/01/2025	STUDENTS	WATER	MEETING/CONFERENCE	UDLAP joins UNESCO Mexico	<a href="https://blog.udlap.mx/blog/2025/01/29/la-udlap-se-une-a-la-iniciativa-de-la-unesco-mexico-para-analizar-temas-de-educacion-y-cultura-del-agua/">https://blog.udlap.mx/blog/2025/01/29/la-udlap-se-une-a-la-iniciativa-de-la-unesco-mexico-para-analizar-temas-de-educacion-y-cultura-del-agua/</a>	As part of the activities to celebrate the 85th anniversary of its foundation and 55 years of the Puebla campus, the Universidad de las Américas Puebla (UDLAP) joined the initiative of UNESCO Mexico, which brought together the institutions that make up the Water Family in Mexico to analyze, reflect and exchange ideas through a series of conferences on the fundamental role of water education and culture as strategic tools to guarantee the human right to water and sanitation in the future.
99	08/01/2025	COMPANIES	WATER	COMPETITION	UDLAP graduates were semifinalists	<a href="https://blog.udlap.mx/blog/2025/01/08/egresados-udlap-fueron-semifinalistas-del-2-reto-nacional-de-sostenibilidad-bbva-2024/">https://blog.udlap.mx/blog/2025/01/08/egresados-udlap-fueron-semifinalistas-del-2-reto-nacional-de-sostenibilidad-bbva-2024/</a>	Thomas Antoine Espinoza López and Jonathan Pérez Andrade, graduates of the UDLAP, were finalists in the third stage of the 2nd BBVA 2024 National Sustainability Challenge, an event that aimed to find solutions to the water problem in Mexico, from waste at the household level to high pollution in industry.

Actions (2019 - 2024)

#	Date	Involved	Subject	Headings	Action	Link	General
100	19/02/2025	COMPANIES	WATER	AGREEMENT	UDLP students participate in	<a href="https://blog.udlap.mx/blog/2025/02/19/estudiantes-udlap-participan-en-una-investigacion-sobre-la-salinidad-del-rio-bravo/">https://blog.udlap.mx/blog/2025/02/19/estudiantes-udlap-participan-en-una-investigacion-sobre-la-salinidad-del-rio-bravo/</a>	<p>The collaboration between the University of Texas at Austin and UDLAP arises from the UNESCO-UDLAP Chair of Hydrometeorological Risks.</p> <p>Doctoral students in Water Sciences at UDLAP are collaborating in a cross-border research project with Dr. David Eaton, professor at the University of Texas at Austin, to analyze the increase in salinity in the Rio Grande or Rio Bravo and its effects for the United States and Mexico.</p>
101	09/02/2025	STUDENTS	SUSTAINABILITY	COMPETITION	UDLP graduate wins interna	<a href="https://blog.udlap.mx/blog/2025/02/09/egresada-udlap-gana-premio-internacional-de-arquitectura-con-propuesta-sustentable/">https://blog.udlap.mx/blog/2025/02/09/egresada-udlap-gana-premio-internacional-de-arquitectura-con-propuesta-sustentable/</a>	<p>Andrea Lizeth Díaz Pineda, a graduate in Architecture from the University of the Americas Puebla (UDLAP), won first place in the GREAT Architecture Awards, an event organized by the British Embassy in Mexico in which more than 150 architects, designers and students from Latin America took part.</p> <p>Andrea responded to the call from the British Embassy with her project entitled “CEC Cultural and Exhibition Center”, which proposes to reactivate the activity of the Cárcamo de Dolores Museum, located in the Second Section of the Chapultepec Forest, in Mexico City, through a cultural center that promotes art, culture and integration with nature.</p>

#	Year	Name	Area	Objective of the Improvement	Resources	Indicators	Before	Measure	After	Measure 2	Indicator reading	Process
1	2019	Implementation of a Portal for Booking Spaces	Directorate General for Schools	Implement a technological tool for the management and administration of space reservations that allows for a reduction in the time taken to reserve spaces. UDLAP	Printing of booking confirmation	Inputs saved (printing on recyclable paper) per period	2017	5000	2019	0	The printing of paper was reduced to 100%.	Reservation of Spaces UDLAP
2	2019	Automation of the process Management of application letters for research projects	Directorate General for Research	Automate and streamline the process of managing application letters for research projects.	Printing of the call for applications	Resources saved (paper) per year	2018	1119	2019	168	The number of printouts made for each request was reduced by 85%.	Management of application letters for research projects
3	2019	Development of Academic Audits through the "Audit Monitor" (Share Point)	Internal Audit Department	Define and issue an Annual Academic Audit Program and Annual Monitoring Program and execute it through the "Audit Monitor" in Share Point to streamline the Academic Audit process.	Printing of terms of reference	Reduction in paper use per year	2018	215	2019	0	The printing of paper was reduced to 100%.	Planning of Internal Audits/ Development of Internal Audits/ Follow-up to Internal Audits
4	2019	Automation of the course evaluation process	Planning and Quality Management Department	Making more efficient the use of resources allocated to the Teacher Evaluation process carried out at the end of the semester, ensuring that student participation and the percentage of courses evaluated are not reduced.	Printing of the letter format	Savings in material resources and annual budget	2017	64000	2019	0	More than 2.88 tons of paper were not produced per semester for teacher evaluations.	Evaluation of teachers
5	2020	Digital implementation of the Call for Applications and Registration for Artistic Scholarships	Cultural Activities Department	Implement the digital registration of the artistic scholarship through a web page starting in February 2020.	Printing of summary	Printing savings (annual)	2019	200	2020	0	No files were printed.	Management of Artistic Scholarship
6	2020	Implementation of a Voluntary Leave System	Directorate General for Schools	Facilitate the operation of the "voluntary withdrawal" process to improve the service to students who withdraw from subjects in each academic period.	Copies	Elimination of paper and printing use (annual)	2019	10000	2020	0	The printing of Voluntary Leaving forms was reduced by 100%.	Voluntary resignations
7	2021	Implementation of Electronic Tickets	Lottery Department	Streamline the online sales process and make the online purchasing process more user-friendly by focusing on solving the process deficiencies.	Printing of reports of observations and recommendations	Elimination of paper and printing use (annual)	2019	2042	2020	0	The printing of purchase orders was reduced by 100%.	Sale of UDLAP Raffle Tickets
8	2021	UDLAP raffle application	Lottery Department	Streamline the ticket distribution process for the UDLAP Raffle by making the capture process more efficient, obtaining information in real time, reducing the delivery time and/or allocation of tickets to the end customer (collaborator).	Printing of evaluation formats for teachers of each course in the corresponding period	Quantity of printed FS2 forms used	2019	32400	2021	0	The quantity of forms printed was eliminated.	Distribution of Tickets for the UDLAP Raffle

#	Year	Name	Area	Objective of the Improvement	Resources	Indicators	Before	Measure	After	Measure2	Indicator reading	Process
9	2021	Implementation of the institutional scholarship system	Directorate General for Schools	Integrate into a single system the different procedures carried out by a candidate for a UDLAP student grant in order to provide timely follow-up of each case per current scholarship call.	Printing of application letter	Number of document printouts	2020	70000	2021	0	The delivery of copies with buyers' documents was eliminated.	Scholarship procedures
10	2023	Digitization of Loan and Return Module forms	Libraries Department	Implement the digitization of forms in the Loan and Return module and thus remain at the forefront of the use of technology in order to provide a more convenient experience for our users when making their requests, as well as to avoid greater ecological damage to the environment with the use of paper. See Annex Printed Forms	Printing of letter of recommendation	Paper usage (annual - 3500 applications - 20 sheets average file)	2019	501	2023	0	The use of paper and forms is eliminated 100% as the entire file is in the system.	Integration of records
11	2023	Systematization of controls in the administration of the Culinary Arts Laboratories	Tourism Department	Systematize the capture of information from the Culinary Arts Laboratory Self-Control Document with the aim of improving the control of furniture, equipment, tools, machines, utensils and supplies, thus generating a satisfactory experience for teachers and students who carry out practical work in this laboratory.	Printing of letter of intent	Number of printed forms used annually	2019	1000	2023	0	100% reduction in the use of printed forms.	Application for institutional scholarships to new and returning students
12	2023	Institutional Scholarship System for re-entry students	Directorate General for Schools	Integrate into a single system the different processes carried out by a UDLAP student who wishes to carry out some procedure related to their Institutional Scholarship, providing timely monitoring of each step, reducing service time, as well as the efficient use of the institution's resources, as well as management in the same system, all for the benefit of UDLAP students.	Printing of applicants' files	Paper usage savings per year	2022	750	2023	0	The use of paper was completely eliminated with respect to the use of this format.	Loan and repayment
13	2023	Digitization of the application for admission to UDLAP	Directorate General for Schools	To obtain complete information by means of a technological tool that allows the user to enter their request to generate a student number and thus be part of the UDLAP community.	Printing of forms	Printing of forms	2022	90000	2023	0	The printing of formats was reduced by 100%.	Administration and Control of UDLAP-Culinary Arts Laboratory Warehouses
14	2023	Implementation of the System of Certificates and Transcripts	Directorate General for Schools	To streamline and make the process more efficient by implementing a technological tool to reduce the time it takes to issue Certificates and Transcripts, providing a better service to the UDLAP community.	Printing of purchase orders	Use of white paper	2019	58525	2023	28743	It is reduced to 100% because digital files are integrated.	Management of Institutional Scholarships and Financial Support / Application and allocation of Institutional Scholarships to New and Returning

#	Year	Name	Area	Objective of the Improvement	Resources	Indicators	Before	Measure	After	Measure 2	Indicator reading	Process
15	2023	Creation of digital files for residents of residential colleges	Residential Colleges Department	To obtain truthful, legible, correct and homogeneous information on the resident, by means of a digital tool, which allows us to reduce time when entering the College and to reduce material resources. To know their general state of health, which allows us to identify possible risks, which, according to their nature, allows us to channel them to the corresponding areas (student support/medical services) and thus guarantee the correct care of the residents.	Printing of contracts	Printing of documents during the process	2019	25908	2023	0	There are documents that, due to the nature of the request of the instance that requires it, must be in physical form, which is why the use of paper cannot be eradicated 100%.	Allocation of student number by category
16	2024	Repository of documentation for temporary accommodation	Residential School Management	Implement a standardized way of receiving information and documentation from guests through a single online repository to speed up admission to the UDLAP Residential College, providing a safe and secure environment during their stay at the university.	Printing of ticket allocation form	Paper usage (plain/letterhead)	2019	138	2023	0	Paper use was eliminated	Issuance of certificates / Issuance of official transcripts
17	2024	Digitization of the student training program time records	Marketing Management	Implement a digital system for recording hours in the Student Training Program, which allows students to record their activities in real time from any device, thus facilitating time management, improving the accuracy of hour counting, and providing detailed monitoring of the activities carried out, reducing errors and simplifying the evaluation process for the continuity of the scholarship	Printing of INE	Number of sheets used, per file	2023	117	2024	0	100% of paper use was eliminated	
18	2024	Automation of the medical validation service for UDLAP students	Medical Services Management	Establish a standardized and efficient system for the reception and processing of requests for validation of absences for health reasons, which guarantees the veracity of the information, as well as the accuracy, speed and satisfaction of the student with respect to the service provided.	Printing of proof of address	Printing of forms	2023	1019	2024	0	100% of paper use was eliminated	Medical validations
19	2024	Medical Services System	Medical Services Management	Implement a digital medical record system that centralizes all patient information, from contact details to medical history, test results and prescriptions, so that every interaction is automatically recorded to improve the patient experience and the day-to-day running of the clinic.	Printing of allocation, refund and/or return receipts	Use of sheets	2023	10000	2024	0	Paper use was completely eliminated, with a 100% reduction in paper consumption.	
							372,934			28,911		