



Celebrating the National Women's History Month!

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Dear readers, the Permanent Forum of Binational Waters is thankful to be able to continue sharing a holistic, socialized and science-based understanding of the Binational Waters of the United States and Mexico. So far, we have launched five different programs: The PFBW Coffee Breaks, Science Talks, Facts and Mythbusters, and Open Mic. We are also developed three main projects/initiatives: Women in Science, Binational Groundwater Task Force, and the Transboundary Groundwater Binational publication. Our network has over 180 members and more than 60 binational institutions. We continue to grow day by day and we are always seeking for new ways to share and communicate science with you.

March is an important month for the PFBW, since it was declared as the National Women's History Month. The purpose of this commemoration is to highlight the contributions of exemplar women in history and contemporary society. But above all, this is a month that invite us to reflect on where does women stand within the community all around the globe. This year, for example, was an extremely complicated one, ruled by the COVID-19 pandemic, which has heightened the disproportion of affected women compared to the rest of the society. While everyone is facing unprecedented challenges, the pandemic has magnified ongoing issues for women and proven to be a major challenge for gender equality. Some people have even remarked that in the most vulnerable regions, the damages of the pandemic may result in a setback in the long struggle of women for equity in housework and parenting, economic independence and a life free of violence.

In this Volume of Shared Waters, we would like to recognize the valuable contributions of the Women in Science that work in the United States-Mexico border region.

Though there has been important achievements in the participation of women in science and the recognition of their key role to achieve sustainable development, today women represent less than 30% of scientific researchers all over the world. The message here is not the figures nor the negative outcomes for women, but the message that we need to act now. Women have traveled a long way to get to high levels of academic research, but there is still a long way to go and the PFBW is here to support the Women in Science through our different programs and initiatives.

"You can get as far as you want by trying as hard as you can", Elia M. Tapia.

"It is urgent that women be recognized not just as potential mothers but as intelligent human beings that can do science and contribute to the well-being and progress of Civilization. I consider this essential to guarantee the inclusión, equal opportunities and freedom to choose our own path in life", Gabriela Rendón.

"There is a glass ceiling above women. Breaking the glass ceiling of equality needs action, and to start or continue with this quest, we could work on small actions". Laura Garza.

"Let's us use our genetics in our favor. Be an example of respect, courage and hard work for our children, and both, women and man will follow". Rosario Sanchez.

BINATIONAL WOMEN WATER LEADERS

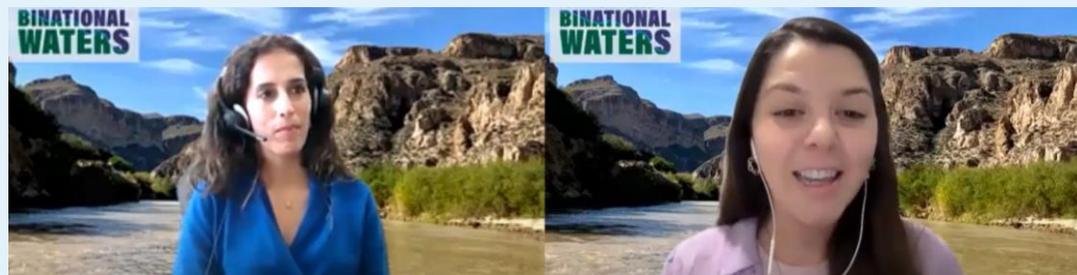
The Permanent Forum of Binational Waters is working to strengthen and support women through platforms to provide visibility, encourage collaboration and propose safe spaces to promote their research, challenges, and experiences. We want to acknowledge every woman that is part of the Forum, for their contributions to our border region. A round of applause to our [Women in Science and Binational Water Leaders](#)



There will be an interview of a women leader every other month which will be highlighting both, their work and their lives towards making a difference in our border region.

Our first **Women in Science Interview program** hosted by **Laura Garza**, started this month with the interview of our **Director Rosario Sanchez**. [Click here to see the interview.](#)

Link to Woman in Science [HERE](#)



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FORUM HIGHLIGHTS

SCIENCE TALKS

We hosted two Science Talks events: Women, Science and Water Resources in the US-MX Border and Modeling Efforts and Remote Sensing in the US-MX border region

Our first Science Talk event was integrated by Elia M. Tapia Villaseñor (Research Professor, Universidad de Sonora), Laura E. Garza Díaz (Researcher, UC Davis), Jesus Eliana Rodriguez Burgueño (Researcher, Universidad Autónoma de Baja California), and Sophie S. Plassin (Research Professor, University of Oklahoma). The event took place on November 16, 2020.

Science Talks

Women, Science and Water in the US-MX border

Speakers

- Elia Tapia Villaseñor**
Professor and Researcher at Universidad de Sonora
- Laura E. Garza Díaz**
Researcher at UC Davis
Communications Coordinator of PFBW
- Jesus Eliana Rodriguez Burgueño**
Researcher at Universidad Autónoma de Baja California
- Sophie S. Plassin**
Professor and Researcher at University of Oklahoma

Moderators

- Elia Tapia Villaseñor**
Media support of PFBW
- Gabriela Rendón Herrera**
Communication Strategic Planning of PFBW

November 16, 2020
4:30 pm to 5:45 pm (CT)

PERMANENT FORUM OF
**BINATIONAL
WATERS**

Science Talks

Modeling Efforts and Remote Sensing in the US-MX border region

Speakers

- Saul Arciniega Esparza**
Associate professor at FI National
Autonomous University of Mexico
- Laura Rodríguez**
Research Assistant at Texas A&M University
- Randy T Hanson**
President, Hydrologist at One-Water Hydrologic, LLC

Moderators

- Elia Tapia Villaseñor**
Media support of PFBW
- Gabriela Rendón Herrera**
Communication Strategic Planning of PFBW

March 11, 2021
4:00 pm to 5:00 pm (CT)

PERMANENT FORUM OF
**BINATIONAL
WATERS**

<https://ucdavis.zoom.us/j/95888181967>

Our second Science Talk event was integrated by Saul Arciniega Esparza (Associate Professor at National Autonomous University of Mexico (UNAM)), Laura Rodríguez (Research Assistant at Texas A&M University), and Randy T. Hanson (President, Hydrologist at One-Water Hydrologic, LLC).

Link to Science Talks [HERE](#)

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FORUM HIGHLIGHTS COFFEE BREAKS

We hosted the Coffee Break: Exploring the Río Conchos: Life and Binational Collaboration on January, 21st, 2021.

Speakers included Dave J. Eaton, Senior Research Scientists and Professor of the Texas LBJ School; Melida Gutiérrez, Senior Research Scientist and Professor of Missouri State University; and Victor Ortiz Franco, Professor Emeritus from Universidad Autónoma de Chihuahua.

EXPLORING THE RIO CONCHOS: Life and Binational Collaboration



Coffee Break

Panelists

Dave J. Eaton, Senior Research Scientist and professor of the Texas LBJ School.



Melida Gutierrez, Senior Research Scientist and Professor of Missouri State.



Victor Ortiz Franco, Professor Emeritus Universidad Autonoma de Chihuahua.



Moderators

Rosario Sanchez, Senior Research Scientist, TWRI



Samuel Sandoval Solís, Associate Professor, UC Davis



JOIN US!
January 21st, 2021
4:00 to 5:30 pm (CT)



[Link to Coffee Breaks HERE](#)

BINATIONAL GROUNDWATER TASK FORCE

The Binational Groundwater Task Force (BGTF) was an initiative developed under the umbrella of the Transboundary Aquifers between Mexico and the United States Conference held on October 2020. This work is integrated by experts and academics from both sides of the border with the purpose to identify the most important pressing issues on the topic and develop practical and feasible strategies and protocols useful for stakeholders and decision-makers.

[Link to Binational Groundwater Task Force HERE](#)

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A Call for Art to Call for Water

Painting | Photography

The Mission

In the Permanent Forum of Binational Waters, we believe in art as an ally of science for the evolution and enrichment of culture. For this reason, we want to invite you to participate in our first water art contest: "A Call for Art, A Call for Water". This event has three purposes: first, to raise awareness about the urgency of focusing our energy on the sustainable use of water. Second, to use art as a driver to engage our communities into water issues. And third, to celebrate the first year of the creation of the PFBW through a fundraising campaign. We want our network to grow, to keep developing bridges across our border and to engage our communities into a permanent exchange of ideas, knowledge, culture, science and of course, water.

Participants

Artists (painters, photographers) of legal age (more than 18 years old) of any nationality are welcome to participate.

Categories

Painting: Professional and Amateur

Photography: Professional and Amateur

The artist may use the artistic techniques of their preference for any category.

Registration and submission

Each participant can submit as many as 3 works per artistic discipline (Painting and Photography). Acceptable file types are: .png, jpeg, jpg (Max upload file size: 50 MB). All the works of art must be unpublished and must not have participated in any other contest. Submission and registration of works of art will be open from February 3rd until July 30, 2021 (12:00 am CT). The participant will give the PFBW permission to publish and sell any submitted art works (s) on the website and reproduce images for fundraising purposes. *Any artwork reproduced will include an artist credit as feasible. Artist retains ownership of their photograph(s).

To register and submit your works of art please use the following link: <https://binationalwaters.tamu.edu/media/mtxgckql/art-contest-en.pdf>

Selection criteria

It is intended that the works reflect the vital, scenic, practical or personal relevance that water has in natural environments and human settlements, particularly, but not limited to the U.S-Mexico borderlands. The works that turn out not to be the authorship of said by the participants, will be disqualified.

The Jury

The jury will be made up of figures from science and the artistic world, both from the United States and Mexico. Its ruling will be final.

The winners

All the works of the participants, as well as their biographic information will have a space on our **Art Gallery**. There will be three winners per category (Painting and Photography) for both, Professional and Amateur participants. The winners will be announced on September 3rd, 2021 in our official pages and by personal communication (email) to the winners.

The winners will be invited to participate in the online event "Water awards" on October 1, 2021 organized by the PFBW with the objective to advertise the winners work and history of their art.

Art Contest 2021 Fundraising

Upcoming Events

Celebrate World Water Day on Monday afternoon, March 22, when the Water Resources Research Center hosts an informative panel discussion on the forthcoming UNESCO volume, “Managing Aquifer Recharge: A Showcase for Resilience and Sustainability.” This UNESCO publication provides valuable resources for stakeholders and water managers considering managed aquifer recharge (MAR) as a mechanism to bolster climate resilience in the context of environmental, social, and economic project goals. Book editors Yan Zheng and Peter Dillon, along with authors of the five North American case studies included in the volume, will participate in a panel moderated by WRRRC Director Sharon B. Megdal. Click **HERE** to register.



UTEP's One Water Cluster and We Are Water working group invite you to join us in celebrating World Water Day with a week of interdisciplinary events designed to engage faculty, students, and community partners who are working on issues of water from a variety of perspectives. We seek to create a public platform for increased visibility for water scholarship and activism, as well as an opportunity to develop new connections and working relationships on the topic. For program calendar and registration visit: <https://www.utepworldwaterweek.com/>

Calls for Action

[Advances in Transboundary Aquifer Assessment](#)

OUR TEAM



Rosario Sanchez
Director



Samuel Sandoval Solís
Associate Director



Laura Rodríguez Lozada
Information Manager



Saul Arciniega Esparza
News and Community
Manager



Laura Elisa Garza Díaz
Communications
Coordinator



Gabriela Rendón Herrera
Communication Strategic
Planning



Elia Tapia Villaseñor
Media Support



J Rivera Almeida
Website Developer

OUR MEMBERS

Over 180 members and more than 60 binational institutions

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CONTACT US

Email:

Binationalwatersforum@gmail.com