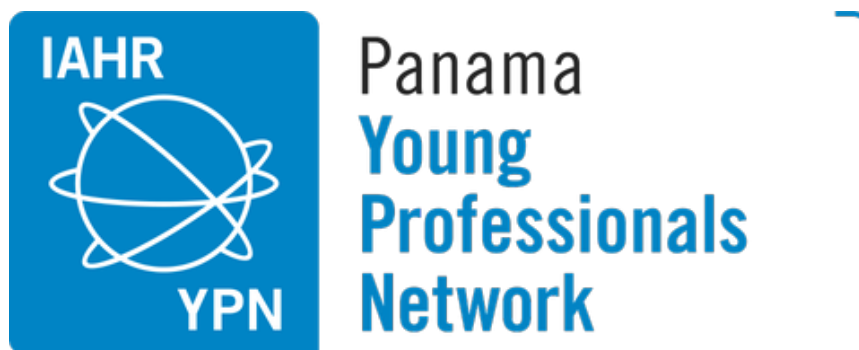


IAHR PANAMA YOUNG PROFESSIONALS NETWORK

2022 Annual Report of Activities



1. Our vision and mission

Mission: To promote the development of technical capacities in the general field of hydro-environmental sciences (water, environment and renewable energies) in students and young professionals, and to influence through interdisciplinary scientific research in the Panamanian society to achieve a more resilient and sustainable country.

Vision: To be a national reference in the field of hydro-environmental sciences (water, environment and renewable energies) for the design of sustainable solutions through a holistic and interdisciplinary approach, through Panamanian young professionals, including universities, public and private sector.

2. Main goals and key objectives in 2022

The main goal of 2022 was to continue with our mission of scientific communication by promoting research, professionalism, and environmental education, through our social networks. On the other hand, we focused on to form and strengthen the working groups.

Our main objectives during 2022 were to:

- Recruit new members
- Continue with the Agua y Café interview programme
- Campaign for environmental education through social media
- Promote active participation within the chapter
- Recognize active members
- Explore strategies to promote research and get more young professional involved in scientific research

3. Activities in 2022

ELECCIONES YPN PANAMÁ FEBRERO 2022

Elección de la nueva Junta Directiva (JD) de la YPN Panamá

FECHAS IMPORTANTES

- 11** Fecha límite de las postulaciones de JD.
- 15** Anuncio de los candidatos a la nueva JD.
- 20** Finaliza el periodo de votaciones.
- 25** Anuncio de la nueva JD de la YPN PANAMÁ.

PUESTOS

- Presidente
- Vicepresidente (Dirige el comité de Investigación)
- Secretario
- Tesorero
- SubSecretario
- Relacionista Público (Dirige el comité de Comunicación)
- Oficial de Membresía (Dirige el comité de Capacitación)

REQUISITOS

- Ser miembro registrado de la IAHR y haber pagado la membresía anual.

PARA NOMINARSE DEBEN ENVIAR AL CORREO YPNPANAMA@GMAIL.COM CON ASUNTO: "NOMINACIÓN" LOS SIGUIENTES DOCUMENTOS:

- Hoja de vida actualizada.
- Una biografía propia de media página.
- Un ensayo de media página en el que se explique la motivación para ser miembro de la JD de la YPN y se especifique la posición a la que aspira.

Election of the New Board of Directors / Electronic Voting

Date/s

11-25 February 2022

Venue


Online

Objectives

Democratically elect new members of the IAHR Panama YPN board of directors.

Description

An Election Tribunal was chosen to carry out the entire process. This tribunal was conformed by members of past boards of directors. Voting was conducted online through Electionrunner.

 <p>https://www.instagram.com/tv/Cdzar7hFOOC/?utm_source=ig_web_copy_link</p>	<h3>Meeting the new Board of Directors</h3> <p>Date/s</p> <p>20 May 2022</p> <p>Venue</p> <p>Online</p> <p>Objectives</p> <p><i>To make the new Board of Directors known, both personally and professionally.</i></p> <p>Description</p> <p>The public relations person conducted interviews with all members of the Board of Directors and interacted with the audience on Instagram.</p>
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 <p>https://www.instagram.com/tv/CilbdezATOs/?utm_source=ig_web_copy_link</p>	<h3>New Member Induction Meeting</h3> <p>Date/s</p> <p>5 September 2022</p> <p>Venue</p> <p>Universidad Tecnológica de Panamá, Rosendo Taylor Conference Room, Panamá</p> <p>Objectives</p> <p><i>Raise awareness of YPN within the Universidad Tecnológica de Panamá to attract new members.</i></p>
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Description

A presentation was given on what YPN consists of the activities and benefits of belonging to this chapter. In addition, members of the chapter spoke about their testimony within YPN and what it has represented positively for them.



IAHR Panama General Membership Meeting YPN

Date/s

24 September 2022

Venue

American Center, Ciudad del Saber, Panama.

Objectives

- Present activities and projects for 2022
- Interaction among members to get to know each other better
- Motivation by an advisor
- Celebration of the 3rd anniversary—





Description

Meeting in hybrid modality (virtual and face-to-face). Members from various regions of the country and internationally participated in this meeting. There was a dynamic interaction between the members who were present and virtual. New members were also introduced.

Conversatorio
Tema: Educación Ambiental

SERENA VAMVAS
Directora de Fundación Mi Mar

LAURA VIDAL
Presidenta de GEMADIS

CLAUDIA AGUDO
(Moderadora)
Miembro de YPN

MIÉRCOLES 26 DE ENERO 2022

HORA: 3:00 P. M.

INSTAGRAM LIVE @YPNPANAMA

Conversation to commemorate a world day

Date/s

26 January 2022

23 February 2022

Venue

Online

Objectives

Highlight what other organizations are doing in the field of environmental education and the contribution of women in science.

Conversatorio sobre el Día Internacional de la Mujer y la Niña en la Ciencia



MIÉRCOLES 23 DE FEBRERO 2022



HCRA: 3:00 P. M.



YOUTUBE LIVE

Description

In these two discussions we were able to interact with people from different organizations that are doing excellent work for science and the environment. It was also an opportunity to get to know YPN Panama.



INSTAGRAM LIVE

Agua y Café

Tomemos un café con Jeff y Paola de Tropikós Farms quienes nos acompañarán platicando sobre "El rol que juegan las abejas en la biodiversidad"



Te esperamos este Viernes 3 de junio a las 6:00 p. m. por: @ypnpanama y @tropikofarms

https://www.instagram.com/tv/CeXMtWCFKG0/?utm_source=ig_web_copy_link

Agua y Café (Water and Coffee)

Date/s

3 June 2022

24 July 2022

18 August 2022

Venue

Online

Objectives

- Connect with national and international young professionals that work on research topics in the fields of water, energy and the environment.
- Provide our followers with information about the interviewees personal experiences and lessons learned throughout their careers.




IAHR Panama Young Professionals Network

INSTAGRAM LIVE

Agua y Café

Tomemos un café con
Luis Rovira
quien nos acompañará platicando sobre
"Ambiente y Turismo Sostenible en el
Parque Nacional Volcán Barú"



Te esperamos este Domingo 24
de julio a las 8:00 p. m. por:
@ypnpanama

https://www.instagram.com/tv/CgieaFqFOpv/?utm_source=ig_web_copy_link



IAHR Panama Young Professionals Network

INSTAGRAM LIVE

Agua y Café

Tomemos un café con
Nicole Francisco
Analista de Cambio Climático
quien nos acompañará platicando sobre
"Las negociaciones de medio año de
Cambio Climático"



Te esperamos este jueves 18
de agosto a las 8:00 p. m. por:
@ypnpanama

https://www.instagram.com/tv/ChbIPoKFq2P/?utm_source=ig_web_copy_link

- Encourage young people to continue to and get involved in water, energy and environmental research.

Description

Live broadcast program on Instagram, usually on weekdays, where for about 30 minutes to 1.5

hours we strive to connect with young professionals by talking about what they do, how they became passionate about their careers, and defining technical terms from their everyday work. We also often talk about tools and software that can be implemented and also recommend courses for students who are interested in the topics discussed, what analysis they can give on the current situation of the topic discussed at regional level and what they would say to young people who have the same passion to fight for their dreams. During the conversation we also generate other questions from the viewers as well as from the host to make the program more interactive. All these transmissions are saved in our Instagram account so that users of the platform can rewatch them.

 <p>IAHR Panama Young Professionals Network @ypnpanama</p> <p>Conoceremos a:</p> <p>Dra. Indra Candanedo</p> <p>Docente e investigadora del Centro Regional de Panamá Oeste de la Universidad Tecnológica de Panamá.</p> <p>Líder del proyecto "Hidrología, vegetación y avifauna del complejo de humedales de Matusagarati, en la provincia del Darién", celebrando el día mundial de los humedales.</p> <p>Sábado, 12 de febrero 2022 9 p. m. - 4:00 p. m. Por YouTube Live: IAHR Panamá YPN</p> <p>¡GRATIS!>>></p>	<h2>Agua y Café Élite (Water and Coffee Élite)</h2>
	<h3>Date/s</h3> <p>12 February 2022</p>
	<h3>Venue</h3> <p>Online- YouTube Live</p>
	<h3>Objectives</h3> <p><i>To interview researchers with great impact on science both in Panama and internationally.</i></p>
	<h3>Description</h3> <p>Live broadcast program on YouTube, usually on a Saturday, from our IAHR Panama YPN account, where we talk about the trajectory of the researcher in their field and discuss their point of view on current situations of their specializations. The topics discussed are linked to the 3 pillars of our research committee: Water, energy and environment.</p>

 <p>TALLER DE LEGISLACIÓN EN TEMA DE AGUAS</p> <p>LUGAR: UNIVERSIDAD TECNOLÓGICA DE PANAMÁ SALÓN ROSENDO TAYLOR FECHA: JUEVES 17 DE NOVIEMBRE 2022 HORA: 1:00 PM - 4:00 PM</p> <p>IAHR Panama Young Professionals Network</p> <p>Los temas a tratar son:</p> <ul style="list-style-type: none"> • El Decreto Ley 35 y otros instrumentos legales. • El marco regulatorio de la Cuenca Hidrográfica del Canal de Panamá. • Proyectos y anteproyectos de ley relacionadas al tema agua. <p>¡Para más información visita nuestro perfil en Instagram!</p> <p>See the live>></p> <p>IAHR Panama YPN Chapter @ypnpanama</p>	<h2>Taller de Legislación en temas de agua (Water Legislation Workshop)</h2>
	<h3>Date/s</h3> <p>17 November 2022</p>
	<h3>Venue</h3> <p>Universidad Tecnológica de Panamá, Rosendo Taylor Conference Room, Panamá</p>




Objectives

To update us on water laws in Panama, through the exchange of information from two organizations of great importance for the country.

Description

The Ministry of the Environment and the Panama Canal Authority collaborated in the project. Among the participants were students, professors, directors of non-profit organizations and government officials. More than 50 people attended in person and others participated via Instagram Live. This activity was organized by the Training or Professional Development Committee.



	Research Committee Meeting
	Date/s 10 July 2022
	Venue Universidad Tecnológica de Panamá, Panama.
	Objectives Develop a brainstorm with the activities that can be implemented within the committee, to promote and encourage research within the YPN and external
	Description The research committee is composed by students of the Master's Degree in Water Resources of the School of Civil Engineering of the Universidad Tecnológica de Panamá. Each member shared their ideas and views.

	Publicación de días mundiales (Worlds Days)
	Date/s 26 January 2022 2 February 2022 11 February 2022 20 May 2022 22 May 2022 5 June 2022 21 October 2022

El 26 de enero se celebra el Día Mundial de la Educación Ambiental, que tiene su origen en 1975, año en el que se organizó por la UNESCO y el PNUMA en Belgrado el Seminario Internacional de Educación Ambiental y que contó con la participación de expertos de más de 70 países.



Su meta es: Formar una población mundial consciente y preocupada con el medio ambiente y con los problemas asociados, y que tenga conocimiento, aptitud, actitud, motivación y compromiso para trabajar individual y colectivamente en la búsqueda de soluciones para los problemas existentes y para prevenir nuevos.



DÍA MUNDIAL DE LA EDUCACIÓN AMBIENTAL



¡Cuidemos el Ambiente!

Venue

Online

Objectives

Highlight the history of where the World Environment Day comes from.

Description

Through original social media publications, we raise awareness about: The initial year this world day is celebrated, why it is important, and give a closing message to encourage people to continue caring for and researching the natural resource that is being celebrated.





[See more>>](#)



Publications of Research in Panama

Date/s

28 January 2022

7 February 2022

Venue

Online, Panama.

Objectives

Highlight the achievements of Panamanian researchers.

Description

Showcase environmental research project being developed in Panama.







"Análisis de flujos de CO₂ y vapor de agua de un ecosistema de mangle en la bahía de Panamá."

Equipo Investigador: Dra. Nathalia Tejedor, Dr. Alexis Baules, Ing. Ana Franco, Ing. Job Noel, Lic. Felipe Rivera, MSc. Ulises Jiménez, Dr. José D. Fuentes, Dr. Paolo D'orico, Dra. M. Purificación Galindo, Dra. M. Purificación Vicente, Dra. Ana Belén Nieto Librero




Proyectos de Investigación en Panamá sobre Reducción de Emisiones de Dióxido de Carbono

"Características estructurales adaptativas en las hojas de cuatro especies de mangle del Caribe y Pacífico panameño"

Investigadores:
Kimberly Mc rae, Zariuska Reyna y Cristina Garibald





"Los escenarios de deforestación muestran la importancia de los bosques secundarios para cumplir con las metas de carbono de Panamá"

Investigadores:
Jefferson S. Hall, Joshua S. Plisinski, Stephanie K. Mladinich, Michiel van Breugel, Hao Ran Lai, Gregory P. Asner, Kendra Walker & Jonathan R. Thompson





"Cuantificación del flujo de carbono a través de un bosque húmedo tropical en la cuenca del Canal de Panamá"

Equipo Investigador: José Fábrega, Erick Vallester, Reinhardt Pinzón, David Vega, Jan Hendrickx, Francisco López

Centro de Investigaciones Hidráulicas e Hidrotécnicas (CIHH)






La candidata a doctora
María Gabriela Castrellón
 es la representante de
 YPN de América Latina y
 YPN Panamá.













Congres Participation

Date/s

19-24 June 2022

Venue

Grenada Spain, Spain

Objectives

To highlight the participation of YPN Panama members in various international congresses.

Description

This year members of YPN Panama participated in the IAHR World Congress 2022 in Spain, the IESTEC Congress 2022 in Panama and the XIX Latin American Congress of Marine Sciences 2022 (COLACMAR PANAMA 2022).

The members: Josue Prens, Erick Concepcion, Victor Gomez, Cristel Cedeño and Alexandra Gonzalez participated as exhibitors at the VIII International Science, Technology, Sustainability and Innovation Congress (IESTEC 2022). Achieving the publication of their works in the IEEE magazine.

XIX Congreso Latinoamericano de Ciencias del Mar 2022



@YPPANAMA

Víctor Gómez

COLACMAR PANAMÁ 2022

VIII Congreso Internacional de Ingeniería, Ciencia y Tecnología

Evaluación del potencial del biochar de *Saccharum spontaneum* L para el mejoramiento de suelos.

Lugar: Wyndham Panama Albrook Mall Hotel
Fecha: Jueves 20 de octubre de 2022
Hora: 1:40 - 2:00 p.m.
Salón: Salón Naos
Código Paper: BBBA-178

@YPPANAMA

Josué Prens

Congreso IESTEC Panamá 2022

VIII Congreso Internacional de Ingeniería, Ciencia y Tecnología

Descripción de la disponibilidad de información hidrológica e hidrogeológica de pozos en la subcuenca del Río Zarafí.

Lugar: Wyndham Panama Albrook Mall Hotel
Fecha: Miércoles 19 de octubre de 2022
Hora: 4:20 - 5:00 p.m.
Salón: Salón Veraguas
Código Paper: ENEN-150

@YPPANAMA

Alexandra González y Cristel Cedeño

Congreso IESTEC Panamá 2022



VIII Congreso Internacional de Ingeniería, Ciencia y Tecnología

Uso de mapas conceptuales como herramienta para comprender el manejo de los recursos hídricos en la cuenca Río Grande.

Lugar: Wyndham Panama Albrook Mall Hotel
Fecha: Miércoles 19 de octubre de 2022
Hora: 5:00 - 5:20 p.m.
Salón: Salón Veraguas
Código Paper: ENEN-153

@YPPANAMA

Alexandra González y Víctor Gómez

Congreso IESTEC Panamá 2022

VIII Congreso Internacional de Ingeniería, Ciencia y Tecnología

Criterios Mínimos de seguridad en la etapa de diseño de andamios fijos y guindolas

Lugar: Wyndham Panama Albrook Mall Hotel
Fecha: Jueves 20 de octubre de 2022
Hora: 1:40 - 2:00 p.m.
Salón: Salón Flamenco
Código Paper: INCB-140

@YPPANAMA

Cristel Cedeño

Congreso IESTEC Panamá 2022

VIII Congreso Internacional de Ingeniería, Ciencia y Tecnología

Review of avances in flood plain assessment using hydrodynamic models



Lugar: Wyndham Panama Albrook Mall Hotel

@YPPANAMA

Erick Concepción

Congreso IESTEC Panamá 2022



 <p>https://www.instagram.com/p/CZahl5jrQO/</p>	<p>"Miembro YPN PANAMA del mes" (YPN PANAMA Member of the Month)</p>
 <p>https://www.instagram.com/p/CIgb5yduB59/?utm_source=ig_web_copy_link</p>	<p>Date/s</p> <p>31 January 2022 28 November 2022</p>
	<p>Venue</p> <p>Online</p>
	<p>Objectives</p> <p><i>To showcase the work of our members, their learning within the network and encourage other young people to become interested in participating in IAHR activities.</i></p>
	<p>Description</p> <p>Publications about outstanding members within YPN PANAMA and a space where they can talk more about them and make known the people who carry out and devise each activity of our network.</p> <p>In addition to close with an exhortation that more young people are interested worldwide.</p>

4. Partnerships and collaborations

4.1. Partnerships

EducationUSA: Our presidents and other members of the leadership team have participated in their webinars and events to promote topics of water engineering and research.



Ciencia en Panamá: participation in the events organized by Ciencia in Panama, such as Webinars, Walk for Science, the New Year's Eve Meeting, among others. Science in Panama hosts the funds of YPN Panama.



Members of YPN Panamá in the New Year's Eve Meeting of Ciencia en Panamá.

Jóvenes y Cambio Climático: YPN Panama promotes its activities in social networks, such as the Local Youth Conference "LCOY Panama 2022" (September 5-9, 2022).

4.2. Collaboration with other YPNs

YPN Chile: collaboration in the Virtual Coffee, where the contribution of women in water and the environment was discussed. Marissa was the representative on behalf of YPN Panama.



5. Communication channels

Facebook: [IAHR Panamá YPN @ypnpanama](#)

Twitter: [@ypnpanama](#)

Instagram: [@ypnpanama](#)

Linkedin: [IAHR YPN Panama Chapter](#)

Newsletter/s: Currently IAHR Panama YPN does not create or distribute a newsletter.

Other: YouTube: [@iahrypnpanama8935](#)