IAHR Chile Young Professionals Network
2020 Annual Report of Activities
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1. **Introduction**

Our purpose is to create a network of young professionals and students linked to the hydraulic and environmental area, promoting participation in IAHR projects and activities. Our objective is to involve students into the working world, create bonds and networks among participants to promote collaborative work, and address hydraulic / environmental problems of social interest. For this, we actively take care of communicating and promoting publications of hydraulic and environmental studies through talks, webinars and networking activities.

2. **2020 main goal and key objectives**

The main objective of our YPN for 2020, is to promote the spread of the knowledge about water and environmental issues and expose our network to professionals, students and researchers of our country and encourage them to join us.

3. **Communications**

<table>
<thead>
<tr>
<th>Website</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facebook</td>
<td><a href="https://www.facebook.com/YPNChile/">https://www.facebook.com/YPNChile/</a></td>
</tr>
<tr>
<td>Twitter</td>
<td>-</td>
</tr>
<tr>
<td>Instagram</td>
<td><a href="https://www.instagram.com/iahrchileypn">https://www.instagram.com/iahrchileypn</a></td>
</tr>
<tr>
<td>Linkedin</td>
<td><a href="https://www.linkedin.com/company/iahr-chile-ypn">https://www.linkedin.com/company/iahr-chile-ypn</a></td>
</tr>
<tr>
<td>Other (YouTube)</td>
<td><a href="https://www.youtube.com/channel/UCH50BvWwzvLLBnGA5683jyg">https://www.youtube.com/channel/UCH50BvWwzvLLBnGA5683jyg</a></td>
</tr>
<tr>
<td>Other (Spotify)</td>
<td><a href="https://open.spotify.com/show/2Uxer3TOLSbN1WCDfR1kn?si=fFo6786VSqC8rQaElDi7hw">https://open.spotify.com/show/2Uxer3TOLSbN1WCDfR1kn?si=fFo6786VSqC8rQaElDi7hw</a></td>
</tr>
</tbody>
</table>

4. **Activities**

**Activity 1**

<table>
<thead>
<tr>
<th>Name of the activity</th>
<th>Presentation about the IAHR Chile YPN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dates:</td>
<td>10 July 2020</td>
</tr>
<tr>
<td>Objectives</td>
<td>Give information about the IAHR, the YPN and the benefits of being part of this network.</td>
</tr>
<tr>
<td>Description</td>
<td>Zoom meeting and presentation</td>
</tr>
<tr>
<td></td>
<td>Over 40 attendants</td>
</tr>
</tbody>
</table>
### Activity 2

**Name of the activity**  
Desiccation of the Aculeo Lagoon  

**Dates**  
14 August 2020  

**Objectives**  
Disseminate scientific knowledge on hydraulic and environmental issues  

**Description**  
Zoom meeting and presentation  
Over 60 attendants

### Activity 3

**Name of the activity**  
Podcast Episode 1: Global climate change (Cambio climático en el mundo) (in Spanish)  

**Dates**  
13 Agosto 2020  

**Objectives**  
Reflect on contingent environmental and water issues  

**Description**  
Podcast Episode 1, available on Spotify and YouTube

### Activity 4

**Name of the activity**  
Hydraulic transients in pressurized pipelines  

**Dates**  
4 September 2020  

**Objectives**  
Disseminate scientific knowledge on hydraulic and environmental issues
## 2020 Annual report of activities

### Activity 5

<table>
<thead>
<tr>
<th>Name of the activity</th>
<th>Episode 2: Climate change in Chile – Cambio climático en Chile (in Spanish)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dates</td>
<td>26 September 2020</td>
</tr>
<tr>
<td>Objectives</td>
<td>Reflect on contingent environmental and water issues</td>
</tr>
<tr>
<td>Description</td>
<td>Podcast Episode 2, available on Spotify and YouTube</td>
</tr>
</tbody>
</table>

### Activity 6

<table>
<thead>
<tr>
<th>Name of the activity</th>
<th>Water and glaciers in NDC (Nationally Determined Contributions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dates</td>
<td>9 October 2020</td>
</tr>
<tr>
<td>Objectives</td>
<td>Disseminate scientific knowledge on environmental issues</td>
</tr>
</tbody>
</table>
Activity 7

Name of the activity
Techniques for the sustainable use of Chile’s hydroelectric potential

Dates
27 October 2020

Objectives
Disseminate scientific knowledge on hydraulic and environmental issues

Description
Zoom meeting and presentation
Over 40 attendants

Activity 8

Name of the activity
Fog water, an alternative source for territories with water scarcity?
5. Contributing to the strategic plan

6.1. Please describe how your activities in 2020 have contributed to and advocated for IAHR’s vision and strategic plan (https://www.iahr.org/index/detail/101)

Our activities have focused on points 2 and 4 of the pillars of the strategic plan. With our seminars we contributed to inspire and disseminate the state of the art knowledge and thinking, presenting about themes developed in our country mainly related to sustainability and water scarcity.

Also, this has helped become a global voice on behalf of the hydro-environment engineering industry and research community, openly presenting the various research topics to our members and members of other YPNs. Our different media platforms allowed us to keep them up to date with current local development. Our aim for our last months in charge is to organize seminars with foreign authors to keep our members informed about the issues studied in other parts of the world that also involve us.

6.2. Please describe how your YPN contributes to the IAHR YPN high-level aims

About the IAHR YPN high level aims, our YPN focused on research about the state of the art of Chilean investigations and communicate with prestigious authors or referents to organize seminars about different contingent hidraulic and enviromental issues.

Also, we focused on organizing meetings with our new members to encourage the expansion of our network and we created a whatsapp group to help each other get references or to share interesting information about water and environmental topics.