

# IAHR Ireland Young Professionals Network

## 2021 Annual Report of Activities

### 1. Introduction

The IAHR Ireland YPN is a collaborative space for students and young professionals in water science and engineering across Ireland. We aim to establish a diverse community and provide a supportive platform for our members that will help them share knowledge, improve their professional networks, and enhance their technical skills.

### 2. 2021 main goal and key objectives

Our main objective for 2021 was to complete setting up the Ireland YPN and to start organising some events to popularize the YPN. We were also interested in increasing and broadening our overall membership.

### 3. Composition

#### Officers

##### President

Madhu Krishna Murali	Trinity College Dublin
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##### Vice President

Rodhraí Crowley	Munster Technological University
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##### Advisor

Eoin Cullinane	Nicholas O'Dwyer
Aonghus McNabola	Trinity College Dublin
Sean Mulligan	VorTech Water Solutions and National University of Ireland, Galway
Md Salauddin	University College Dublin

#### List of members

Name	Surname	Country	Membership category (student or professional affiliate)
Madhu	Murali	Trinity College Dublin	Professional Affiliate
Nilki	Weerawardana	Trinity College Dublin	Student

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Daniele	Novara	Trinity College Dublin	Professional Affiliate
Ajeet	Singh	Trinity College Dublin	Professional Affiliate
Rodhraí	Crowley	Munster Technological University	Student
Calvin	Stephen	Trinity College Dublin	Student
Djordje	Mitrovic	Trinity College Dublin/Bangor University	Professional Affiliate
Ciarán	O' Donnell	Munster Technological University	Student
Matin	Saddiqi	University College Dublin	Student
James	Symons	University of Leicester	Student

[Please add as many lines as needed]

### 4. Communications

[Website and social networks]

Website	<a href="https://www.iahr.org/index/committe/129">https://www.iahr.org/index/committe/129</a>
Facebook	<a href="https://twitter.com/IrelandYpn">https://twitter.com/IrelandYpn</a>
Twitter	
Instagram	
Linkedin	<a href="https://www.linkedin.com/groups/13970785/">https://www.linkedin.com/groups/13970785/</a>
Other	

### 5. Activities

[Activities organised in 2021] [Please also attach pictures a separate .JPG files]

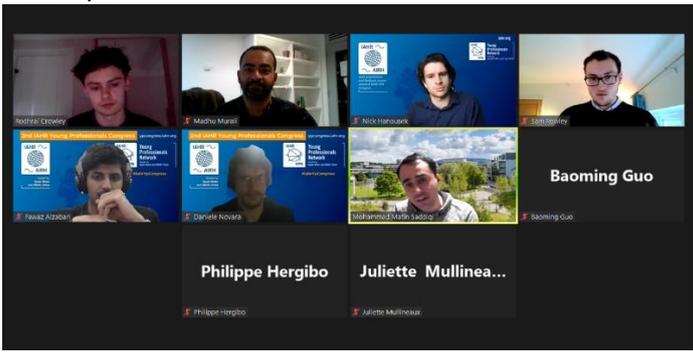
#### Activity 1

<p>Picture/s</p>  <p><b>Lunchtime Webinar Series</b></p> <p><b>Water Sources and Chemistry of Holy Wells in Ireland</b> Dr. Bruce Misstear Wednesday 24<sup>th</sup> November 12pm-1pm</p> <p>Sacred wells are found across the globe, from Dragon wells in China to sacred caves and springs venerated by the Mayan people in Mexico. In Europe, there are numerous wells dedicated to Christian saints, including around 3,000 holy wells in Ireland. Whilst a lot has been written about the folklore of holy wells, there has been very little published about where the water comes from. In this talk, I will summarise my recent research on the hydrogeology and water chemistry of Irish holy wells. As part of this, I will discuss the potential links between the characteristics of the water and the many healing reputations associated with the wells.</p>  <p><b>About the Speaker</b> Dr Bruce Misstear is an Adjunct Professor in hydrogeology and environmental engineering at Trinity College Dublin, and Fellow Emeritus. He previously worked for 18 years as a consultant hydrogeologist and is both a Chartered Engineer and Geologist.</p>	<p>Name of the activity</p> <p>Webinar on Water Sources and Chemistry of Holy Wells in Ireland</p>
	<p>Dates 24/11/2021</p>
	<p>Objectives (e.g. Delivering opportunities for professional development, raising awareness about water issues, motivating membership, etc.)</p>

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	<p><i>Professional development and improving knowledge transfer within the YPN.</i></p>
	<p>Description Sacred wells are found across the globe, from Dragon wells in China to sacred caves and springs venerated by the Mayan people in Mexico In Europe, there are numerous wells dedicated to Christian saints, including around 3 000 holy wells in Ireland Whilst a lot has been written about the folklore of holy wells, there has been very little published about where the water comes from In this talk, I will summarise my recent research on the hydrogeology and water chemistry of Irish holy wells As part of this, I will discuss the potential links between the characteristics of the water and the many healing reputations associated with the wells.</p>

Activity 2

<p>Picture/s</p> 	<p>Name of the activity Poster Feedback Session Ireland and Cardiff YPNs</p>
	<p>Dates 26/11/2021</p>
	<p>Objectives (e.g. <i>Delivering opportunities for professional development, raising awareness about water issues, motivating membership, etc.</i>) <i>Improving inter-YPN cooperation</i></p>
	<p>Description In preparation for the 2 nd IAHR Young Professionals Congress, IAHR YPN Ireland and Cardiff</p>



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	<p>are hosting a poster feedback session There will be a total of 4 speakers presenting their posters for the upcoming Congress, covering a diverse range of water related areas These presentations will fuel an open feedback session between members of both YPNs</p>
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**Activity 3**

Picture/s	<p>Name of the activity Membership presentation at Munster Technological University</p>
	<p>Dates 09/11/2021</p>
	<p>Objectives (<i>e.g. Delivering opportunities for professional development, raising awareness about water issues, motivating membership, etc.</i>) <i>Raising membership numbers</i></p>
	<p>Description Overview presentation by Rodhrai Crowley on the YPN to potential members</p>

Have you organised any activities to promote membership? If yes, please include them

**6. Partnerships and collaborations**

Partner organisations and/or interaction with related national organisations

Organisation	Description of partnership

Collaboration with other YPNs

YPN name	Description of collaboration
YPN Cardiff	Feedback session on Young Professionals Congress posters

## 7. Contributing to the IAHR strategic plan

7.1. Please describe how your activities in 2021 have contributed to and advocated for IAHR's vision and strategic plan (<https://www.iahr.org/index/detail/101>)

We have contributed mainly to pillars 1 and 3 of the strategic vision by aiming to provide a space for members of the hydro-environment community in Ireland to network and share knowledge.

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

Having only created a space for young hydro-environment professionals this year, we have just started to address the YPN aims, mainly around networking, collaborating and training.