

Global Research Group on the SDGs in Asia

Call for Participation

■ Introduction

The purpose of the Global Research Group on the SDGs in Asia is to promote, implement and study the best practices related to the Sustainable Development Goals across the Asian region. We hope the Global Research Group will facilitate and inspire more in-depth and thought-provoking research on SDGs practices in Asia. The group will promote the development of SDGs and WUN both in Asia and beyond, by:

- Studying research problems related to the SDGs across the Asian region, while with characteristics of promoting collaboration between universities and industry, government, and society
- Nurturing international research teams which connect the perspectives of the global north and south for the betterment of our society
- Investigating and promoting innovative solutions to SDG-related challenges across the Asian region.

■ Suggested SDG focus areas

We propose to initially focus on the following SDG areas:

- SDG3 Good Health and Well-being
- SDG6 Clean Water and Sanitation
- SDG7 Affordable and Clean Energy
- SDG13 Climate Action

Within the above-mentioned SDGs, we suggest that a good starting point (though these are suggestions only and open to discussion with researchers interested in joining the Group) could be to focus on a few subjects important to Asia's development such as: public health policy, aging society, COVID-19, the prevention and control of disaster caused by extreme weather, the challenges of green energy development under extreme weather, and the control and prevention of air and water pollution.

■ Call for Participation

We invite researchers from WUN member universities (both within and outside the Asia) who have a research interest in the Asian region, particularly on topics related to the SDGs, to connect with us. by **proposing an active project or project idea** that aligns with the mission and aims of this proposed research group.

If you would like to participate in the group, please complete the attached form. Beyond the opportunity to identify your own project, NCKU researchers have identified some existing projects that you may wish to join if of interest as your vehicle for engagement in the research group.

Global Research Group on the SDGs in Asia: Solutions for Sustainable Development in Asia

Please send the following form no later than 31 May 2021 to Ms. Mia Wang at
em50902@email.ncku.edu.tw

Researcher Information

Name & Title: Dr. Emily Kumpel, Assistant Professor	Department/Unit: Civil and Environmental Engineering University of Massachusetts Amherst, USA
Contact Email: ekumpel@umass.edu	
Link to your profile or CV: https://cee.umass.edu/faculty/emily-kumpel	

Interest in Participation

- I want to propose a project

Prime Investigator	
Name & Title: Dr. Emily Kumpel, Assistant Professor	Department/Unit: Civil and Environmental Engineering University of Massachusetts Amherst, USA
Contact Email: ekumpel@umass.edu	
Research Team (Names of co-investigators and their corresponding universities)	
Name & Title	University
Dr. Nayanatara Nayak	Centre for Multi-Disciplinary Research, Hubli-Dharwad, India
Project Research SDGs Priorities	<input type="checkbox"/> SDG3 Good Health and Well-being <input checked="" type="checkbox"/> SDG6 Clean Water and Sanitation <input type="checkbox"/> SDG7 Affordable and Clean Energy <input type="checkbox"/> SDG13 Climate Action
Project Research focused Area and Country	<input checked="" type="checkbox"/> Asia: <u>India (open to others)</u> <input type="checkbox"/> Other Area/Country: _____
Project Title:	Water quality and health in intermittent water supplies

Project Description: (max 1000 words)

Our research is focused on intermittent water supply (IWS), in which water is delivered through piped networks for fewer than 24 hours in a day. These systems serve more than 1 billion people in the world and are common throughout Asia. We work on various projects related to IWS, including studying the mechanisms affecting water quality in IWS systems, health impacts, impacts on water quantity, and water accessibility. Our ongoing projects include comparing COVID-19 transmission among households that have intermittent supply compared to those with continuous water supply; lab studies

to understand the mechanisms of contamination in intermittent supplies.

We have ongoing and continuing projects in Hubli-Dharwad, India, with the Centre for Multi-Disciplinary Development Research. However, we are interested in further collaborations around any aspect related to intermittent water supplies.