



10th International Conference on Acid Deposition

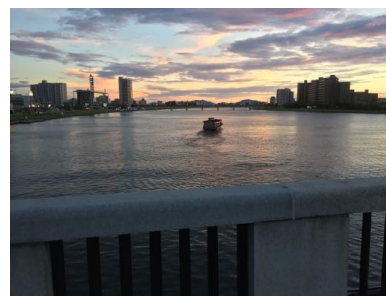
ACID RAIN 2020

The Future Environment and Role of Multiple Air Pollutants

October 19 – 23 (Monday – Friday), 2020
Toki Messe, Niigata Convention Center,
Niigata City, Japan

ACID RAIN conference is one of the historical international conferences since 1970's, which are related to acid rain, air pollutions and their influences on the environments. The conference has been held nine times since 1975 basically every five years.

The upcoming conference is entitled "*ACID RAIN 2020: The Future Environment and Role of Multiple Air Pollutants*", which covers issues not only specific to acid rain but also a wide range of scientific topics relating to various air pollutants, including ozone, particulate matters, etc. We hope that the broader scope will activate the conference and deepen acid rain research as well.



Organized by:

Scientific Steering Committee
International Scientific Advisory Board
Organizing Committee



Co-organized by:

International Union of Forest Research Organizations, IUFRO
Japan Society for Atmospheric Environment
Japanese Society of Biogeochemistry
The Japanese Society of Limnology
Japanese Society of Soil Science and Plant Nutrition



Supported by:

The Ecological Society of Japan
The Geochemical Society of Japan
Japan Geoscience Union
The Japanese Forest Society
The Japanese Society of Forest Environment
Japan Society of Hydrology and Water Resources
Japan Society on Water Environment



Session topics:

- Emissions and their Evaluation by Monitoring and Modeling
- Long-range Transport and Modeling
- Urban and regional air pollution by multiple pollutants in Asia
- Wet, Dry, and Occult Deposition
- Deposition of Air Pollutants and their toxicity
- Effects of Atmospheric Deposition and Multiple Pollutants on Terrestrial Ecosystems (including biodiversity, ecosystem functions, physiology, microbes, etc.)
- Effects of Atmospheric Deposition and Multiple Pollutants on Aquatic Ecosystems (including biodiversity, ecosystem functions, physiology, etc.)
- Status and Trends of Surface Water Chemistry
- Long-term trends of acidification and recovery
- Atmospheric Reactive Nitrogen Embedded in the Planetary Boundaries
- Recovery from Acidification and Altered Sulfur Dynamics in Ecosystems
- Biogeochemical Cycling and its relation to acidification in Ecosystems
- Acidification and Trace Elements
- Acid deposition impacts on urban ecosystems
- Effects of acid deposition on carbon cycle
- Ecosystem Management and Restoration in Response to Air Pollutant Impacts
- Environmental Isotopes in Acid Rain
- Effects of Air Pollutants on Climate Change
- Climate Change Impacts on Weathering and Critical Load (including chemical and biological processes of ecosystems)
- Critical load mapping and dynamic modeling
- Recovery from acidification and its modelling
- Linkages among Multiple Pollutants and Elements in the Environments
- Air Pollution and their Effects on Materials and Cultural Heritage
- Progress and Application of the Integrated Assessment Model in Europe, USA and Asia
- Towards Clean Air Policies and Its Human Health Effects
- Progress in Regional Transboundary Air Pollution Governance?

Preliminary conference schedule:

October 19, 2020: Special event
Inter-regional workshop on scientific outcomes from monitoring networks for atmospheric deposition and air pollution (tentative title)

October 20, 2020:
Opening Ceremony
Keynote Speech in Plenary Session
Parallel Breakout Sessions

October 21-22, 2020:
Keynote Speech in Plenary Session
Parallel Breakout Sessions

October 23, 2020:
Keynote Speech in Plenary Session
Closing Ceremony

Key dates:

April 2019: Second circular
October 2019: Abstract submission/
Registration open
April 2020: Abstract submission close
May 2020: Early bird registration close

www.acidrain2020.org