

Stockholm Junior Water Prize Potential Research Topics

- Methods and Technologies for Nutrient Removal
- Potential Impacts of Pesticides
- Effects of Disinfection Byproducts
- Salinity Removal and Reduction
- Effects of Personal Care Products
- Methods for Water Conservation
- Nutrient Reduction and Removal
- Removal and Waste Disposal of Chemicals of Concern (Arsenic, Lead, etc.)
- Microbial Fuel Cells
- Treatment of Reclaimed Water
- Effect of UV on Bacteria and Viruses
- Impacts of Nanomaterials
- Methods for Mitigating Property and Highway Runoff
- Methods for Oil Removal
- Innovative Processes for Wastewater Treatment
- Occurrence/Effects of Surfactants
- Renewable Energy Options for Wastewater Treatment
- Managing Odors and Air Emissions
- Treatment of Inorganic Wastewater
- Effect of Deicing Salt on Groundwater
- Effects of Stormwater Management Practices on Groundwater
- Impact of Global Warming on Aquatic Species
- Impact of Nonnative Species on Ecosystem Health
- Detection of Pathogens
- Use of Membranes for Water and Wastewater Treatment
- Application of Molecular Biological Methods to Environmental Systems
- Use of Low Technology Water and Wastewater Treatment Systems
- Development of Low Carbon Footprint Wastewater Treatment Systems
- Water disinfection for immune compromised populations
- Will Wastewater Treatment Objectives Change as the “Age of Antibiotics” Passes?
- Sanitation Solutions for Developing Countries
- Social Aspects and Public Perception of Recycled Water
- Research Based on Results of World Water Monitoring Day Experiments

Remember, this is just a starting point! What issues are affecting your community or what water topics are you interested in learning more about?