Invitation for Nominations

10th Award (2022)

Nominations open online until 31 December 2021

www.psipw.org

e-mail: info@psipw.org
Founded in 2002, the Prince Sultan Bin Abdulaziz International Prize for Water (PSIPW) is a leading scientific award that focuses on cutting edge-innovation in water research.

PSIPW offers five distinctive prizes every two years, giving recognition to scientists, researchers and inventors around the world for pioneering work that addresses the problem of water scarcity in creative and effective ways.

There are four Specialized Prizes, each worth US$ 133,000. Individuals and research teams may nominate themselves for any of these prizes:

- **Surface Water Prize** – covering every aspect of the study & development of surface water resources.
- **Groundwater Prize** – covering every aspect of the study & development of groundwater resources.
- **Alternative Water Resources Prize** – covering desalination, wastewater treatment & other non-traditional water sources.
- **Water Management & Protection Prize** – covering the use, management, & protection of water resources.

Then, there is the Creativity Prize. Worth US$ 266,000, it is awarded for interdisciplinary work that represents a major scientific breakthrough in any water-related field. Universities and other organizations may nominate interdisciplinary teams of scientists and researchers for this prize.

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<tr>
<th>Award: Creativity Prize</th>
<th>Value: $266,000</th>
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<tbody>
<tr>
<td>Nominators:</td>
<td>universities, university departments, research institutes, companies, water organizations and agencies</td>
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<tr>
<td>Candidates:</td>
<td>interdisciplinary research teams</td>
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<tr>
<td>Eligible Works:</td>
<td>published research papers, published books, published software, and registered patents within the past 5 years</td>
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Nominations for all prizes can be made online at the PSIPW website: [www.psipw.org](http://www.psipw.org)
General Conditions for Nominations

1. All nominations are made online through an electronic application form that is available on the PSIPW website. All required documentation and submitted works are uploaded by way of the same form. Mail-in applications are not accepted.

2. In the event that a team of individuals are being nominated, all team members (up to five) must be named at the time of application and one member must be specified as their representative. Groups of people working on the same project may not be nominated separately. They must be nominated as a team with a single nomination form.

3. The nominee must be an individual (specialized prizes) or team of individuals (all prizes). Organizations are not eligible to be nominees.

4. Nominations for the Specialized Prizes are by direct self-nomination. Nominations for the interdisciplinary Creativity Prize must be made by a university, institution, or government agency on behalf of the interdisciplinary research team. Individuals may not nominate themselves or others for the Creativity Prize.

5. The nominated body of work must have been completed no more than five (5) years prior to the nomination deadline for the current award.

6. Published research papers, published books, published software, and registered patents may be submitted for consideration. Unpublished works and unregistered patents are ineligible for the prize.

7. No more than five (5) distinct works may be submitted. Multiple works should not be collected together and submitted as a single work.

8. Works will be reviewed and judged in English. A work published in another language must be submitted in the original language accompanied by a full translation or a translation of the parts of the work that are to be considered for the prize. If a partial English translation is provided, then only that portion of the work will be considered for assessment.

9. A nominee may only be nominated for one prize during an award period.

10. The work being nominated must not have previously been a recipient of any other international prize. (However, it may have been the recipient of local, national or regional prizes.)

11. Members of the PSIPW committees and their immediate relatives may not be nominated for the prize.
Creativity Prize

1) The team of Dr. Benjamin S. Hsiao (Stony Brook University, New York, USA) for the development of adsorbents, coagulants and membrane materials from sustainable, biomass-sourced nanocellulose fibres along with numerous practical applications that promise to provide effective water purification for off-grid communities of the developing world. (The team also includes Dr. Priyanka Sharma, research scientist at Stony Brook University.)

2) The team of Dr. Sherif El-Safty (National Institute for Materials Science, Japan) for developing novel nano-materials in hierarchal and micrometric monoliths to achieve a nano-filtration/capture/detection process that quantitatively detects and selectively removes a wide range of water contaminants in a single step. A diverse range of these materials, which are conducive to mass-scale production, provides nano-filtration membranes and filters for water management applications, including purification, remediation, and the monitoring of hazard levels of various water sources.

Surface Water Prize

Dr. Zbigniew Kundzewicz (Polish Academy of Sciences, Poznan) for advancing our understanding of the relationship between flood risk, river flow, and climate change.

Groundwater Prize

Dr. J. Jaime Gómez-Hernández (Universitat Politècnica de València, Spain) for pioneering work on solving the "inverse problem" in hydrogeology.

Alternative Water Resources Prize

Dr. Peng Wang (King Abdullah University of Science and Technology, Thuwal, Saudi Arabia) for work at the forefront of solar-evaporation water production technology.

Water Management and Protection Prize

Dr. Jay R. Lund (University of California Davis, USA) for the development of the CALVIN water supply optimization model that couples traditional water-supply criteria with economic considerations.