**Global Water Security Issues (GWSI)**

**Call for Papers and Proposal Form**

***2020 Theme: The role of sound groundwater resources management and governance to achieve water security***

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| **The ‘Global Water Security Issues (GWSI) Paper Series’ is co-published by UNESCO Headquarters and UNESCO i-WSSM on an annual basis. The selected papers will be published as part of the ‘Global Water Security Issues (GWSI) Paper Series’~~.~~**  |

**PROPOSAL TEMPLATE (Due by email to m.trudeau@iwra.org by 22nd May 2020)**

Please complete this Proposal Template to express your interest in preparing a paper for the Global Water Security Issues (GWSI) Paper Series.

**※ According to the UNESCO Publication Board, UNESCO's global priorities on Africa and Gender Equality should be ensured during the publication process. These priorities will be taken into account during the proposal selection as well as during manuscript reviews. Proposals with these priorities will be preferred during the selection process.**

**All fields marked with an asterisk (\*) are mandatory.**

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| 1. **Choose the theme\*** (Highlight more than one theme and sub-theme if applicable)
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| THEME: The role of sound groundwater resources governance and management to achieve water security |
| Groundwater governance | Conjunctive water management | Managing groundwater abstraction | Groundwater quality management & pollution control | Internationally shared aquifer resources management (ISARM) |
| * Acquisition of local groundwater-related data/information/ knowledge
* Awareness raising among all actors
* Dealing with uncertainty and risk
* Capacity building of groundwater agencies
* Roles of various actors & cooper­ation among them
* Legal & regulatory provisions
* Incentives for changing human behaviour
* Adopting paradigms & principles
* Allocation priorities & constraints
* Policy development
* Groundwater planning
* Monitoring impact & benefits of ground­water management
 | * Conjunctive use of groundwater and surface water
* Managed aquifer recharge
* Managing/recycling treated used waters
* Using desalinized brackish or saline water
* Maintaining essential environmental flows (baseflows, springs, wetland ecosystems, etc.)
 | * Allocation among water using sectors
* Abstraction management to prevent land subsidence
* Constraints & priorities for ecosystem protection
* Management to maintain favourable groundwater services
* Mechanisms & tools for effective control of groundwater abstraction
* Intergenerational groundwater allocation
* Adaptation to climate change
* Controlled use of non-renewable groundwater
* Artificial drainage of excess groundwater
* Demand management
 | * Prevention/control of saline water intrusion and saline upconing
* Aquifer protection through land use planning (rural

& urban)* Aquifer protection through control of land use practices
* Groundwater well-field protection zones
* Management controls for local pollution sources (septic tanks, landfills, pipelines, drains, subsurface injection, others)
* Control of the use & disposal of chemicals
* Remediation of polluted sites/aquifer zones
* Isolation of polluted sites/aquifer zones
 | * Agreement on shared aquifer resources cooperation
* Institutional set-up for shared aquifer resources cooperation
* Sharing local data/info/knowledge
* Joint or coordinated monitoring and investigations
* Negotiating and agreeing on common objectives & principles for managing shared aquifers
* Coordinated aquifer management planning
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| **If you do not choose one of the topics above, provide a description of your proposed theme and the rationale for its inclusion as part of the overall theme *The role of sound groundwater resources management and governance to achieve water security* (50 words)** |
| 1. **Main and specific objectives (50 words)\***

Describe the main objective of the paper and specific objectives/questions to be addressed |
| 1. **Background/rationale and context (150 words)\***

Describe the background, context, rationale and related environmental and socioeconomic settings; briefly describe case studies |
| 1. **Expected outcome (100 words)\***

Outline the key expected outcome of the paper and how it can contribute to water security and UNESCO i-WSSM |

**4. AUTHOR**

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| **Title\*** □ Mr. □ Ms. □ Prof. □ Dr. |
| **First Name\*** |  | **Last Name\*** |
| **Organization/Affiliation Name\* :** **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****Co-author(s) name(s) and affiliation(s)\* :** |
| **Type of Organization\*****□** Government/Local government □ International Organization □ Public Corporation □ Academia, Research Institute**□** Industry (Enterprises, etc.) □ CSO (Civil Society Organization, NGO) □ Other ( ) |
| **Country\*** | **Telephone\*** (Country Code-Area Code-Number) | **E-mail\*** |

For inquiries regarding this call for proposals, please contact IWRA at: office@iwra.org or m.trudeau@iwra.org.