



CALL FOR PAPERS

2019 United Nations ESCO International Water Conference (UNESCO-IWC 2019) Hydro Resources & Energy Sustainable Development Forum

The UNESCO-IWC 2019, hosted by United Nations Educational, Scientific and Cultural Organization (UNESCO), Global Energy Interconnection Development and Cooperation Organization (GEIDCO), and other organizations, will be held on May 13th-16th, 2019 at the UNESCO headquarters in Paris, France. 1500 delegates from governments, industry, academia, and international organizations worldwide will attend. The Hydro Resources & Energy Sustainable Development Forum is an important part of the conference, which provides a unique opportunity for researchers and developers in related areas to share progresses.

Global Energy Interconnection (GEI) is the flagship academic journal of GEIDCO focusing on the frontiers of energy related fields. As the forum coordinator, it is globally collecting academic research papers for the event. Opportunities of giving presentations at the forum will be awarded to outstanding paper authors with registration fee sponsorship from GEI editorial office as well as recommendations to GEI for future publication. All accepted manuscripts will be published in the proceedings and posted at the forum.

Topics

(including but not limited to)

01

Hydro-power development and transmission

- Hydro-power development planning and feasibility study
- Cross-border allocation and consumption of hydro-power
- UHV transmission for large scale hydro-power base
- AC/DC hybrid system analysis
- EHV/UHV equipment development, design, manufacturing, test, operation, and maintenance

02

Marine energy development and utilization

- Progresses of ocean power generation (wave, tidal, salinity-gradient, temperature difference etc.)
- Key technologies of sea water desalination (materials research, reverse osmosis design, equipment development, system integration etc.)
- International collaboration on marine energy development

03

Key technologies of hydro-power constructions and operations

- Advanced hydro-power construction techniques and project management
- Smart hydro-power station and modern operation & maintenance technology
- Interbasin hydro-power base design and collaborative operation

04

Large scale renewable energy generation and global allocation

- Hydro-power in synergy with other renewable energy
- Complementary operation of pumped storage and renewable energy systems
- Large scale renewable energy networking consumption
- Social, economic, climate, and ecological aspects of sustainable energy global allocation



Important Dates

Manuscript submission deadline:
March 15th, 2019
Acceptance notification:
March 22nd, 2019
Outstanding paper awards notification:
March 29th, 2019
Proceeding publication: May 1st, 2019
Panel & presentation: May 13th, 2019
Posts: May 13th-16th, 2019



Manuscript Submission

Please submit the manuscript in English in doc or docx format, 6-10 pages long, including paper title, abstract, key words, main body, figures, references, all authors bios and photos (larger than 200k size) etc. through Elsevier's Editorial Manager system (<http://www.editorialmanager.com/gloi>) or by email (geijournal@geidco.org). Please use "UNESCO-IWC 2019+paper title" as the file name.

The manuscript template and other useful information are available at <http://www.keaipublishing.com/en/journals/global-energy-interconnection/>, or by scanning the QR code:



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征稿启事

2019 年联合国国际水资源大会 水资源与能源可持续发展分论坛

2019 年联合国国际水资源大会将于 5 月 13-16 日在法国巴黎联合国教科文组织总部由教科文组织和全球能源互联网发展合作组织等单位联合举办，1500 余名来自各国政府、企业、学术机构和国际组织的代表将出席会议，会议期间将设置水资源与能源可持续发展分论坛，为相关领域的研究人员和实践者展示成果，交流理念和技术提供了宝贵的机会。

《全球能源互联网（英文）》作为合作组织的旗舰学术期刊，聚焦于能源领域前沿，将承担分论坛的组织工作，特面向全球展开专题征稿，优秀论文作者将受邀前往论坛进行现场宣讲并享受期刊编辑部提供的注册费赞助，同时还将推荐至本刊发表。所有录用论文将纳入会议论文集出版，发放参会嘉宾，并于会场进行张贴展示。

征稿主题

（包括但不限于）

01 水电开发与外送

- 水能开发规划与可行性分析
- 水电的跨国电网互联配置与消纳
- 大规模水电基地特高压外送技术
- 交直流混联系统分析
- 超 / 特高压输电技术装备研发、设计制造与试验运维

02 海洋能开发与利用

- 海洋能发电技术最新进展（波浪能、潮汐能、盐差能、温差能等）
- 海水淡化关键技术（材料研究、反渗透设计、设备研制、系统集成等）
- 海洋能开发的国际合作

03 水电建设与运营关键技术

- 先进水电施工与工程技术
- 智能水电站与现代运维检修技术
- 跨流域水电基地设计与协同运行技术

04 大规模可再生能源发电与全球配置

- 水电与新能源的融合
- 抽水蓄能与可再生能源系统互补运行
- 大规模可再生能源联网消纳
- 可再生能源全球配置的社会、经济、环境、生态问题研究



重要时间节点

全文提交截止日期：
2019 年 3 月 15 日
论文收录通知：
2019 年 3 月 22 日
优秀论文获奖通知：
2019 年 3 月 29 日
论文集出版：
2019 年 5 月 1 日
分论坛召开及现场演讲：
2019 年 5 月 13 日
论文张贴：
2019 年 5 月 13-16 日



投稿须知

请用英文撰写论文，doc 或 docx 格式，长度为 6-10 页，并通过爱思唯尔 Editorial Manager 在线投稿系统（<http://www.editorialmanager.com/gloei>）或编辑部邮箱（geijournal@geidco.org）投稿，稿件需包含标题、摘要、关键词、正文、图表、参考文献、全部作者简介及照片（200k 以上大小），并将论文文件名命名为“UNESCO-IWC2019+ 论文标题”的形式。

关于论文模板下载及其它有用信息，请参阅期刊网站 <http://www.keaipublishing.com/en/journals/global-energy-interconnection/>，或扫描右侧二维码：



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