

CALL FOR PAPERS



ICDSST - PROMETHEE DAYS 2018

www.promethee-days.com

www.icdsst2018.wordpress.com

**4th International Conference on Decision Support System Technology
ICDSST 2018 & PROMETHEE DAYS 2018
22-25 May 2018, IMBBC-HCMR, Heraklion, Crete, Greece**

Main Theme: Sustainable Data-Driven & Evidence-based Decision Support with Applications to the Environment and Energy Sectors

The **PROMETHEE Days 2018** workshop will take place in Heraklion (Greece - the birthplace of PROMETHEE!) from May 22 to 25, 2018, together with the **ICDSST 2018** meeting of the EURO Working Group on DSS. It will be a great opportunity to share your PROMETHEE experience with PROMETHEE Community's fellows and with members of the DSS community in one of the nicest places in Europe.

Papers related to theoretical developments, comparative analyses or practical applications of the **PROMETHEE** methods are **welcome**. Papers related to the field of DSS are of course also welcome for submission to the main **ICDSST** stream.

The best paper presented during the **PROMETHEE Days 2018** workshop will be granted the « **Jean-Pierre Brans PROMETHEE Award** » and all participants will have the opportunity to submit full versions of their papers for a special issue of a dedicated journal or for post-proceedings.

The joint conference aims to provide a communication platform for scholars, researchers, developers, specialists and other professionals in the related areas of multicriteria decision making and decision support to get together in order to exchange ideas, share experiences, discuss key issues, and identify future research and development directions.

The **ICDSST-PROMETHEE DAYS 2018** Conference will focus on the role, the qualities, the models and methods offered by sustainable data-driven and evidence-based Decision Support, mainly applied to Environment and Energy. On these sectors, diverse stakeholders at various governance levels seek to devise and implement sound and robust policies which mitigate environmental impacts while taking into account various parameters. Decision Support Systems can simulate different scenarios and offer solutions in modern managerial issues which are full of redundant and complex information. Such rapidly evolving situations, which engage a large number of individuals with different agendas in complicated decision-making processes, require such tools for support. It is in this context that the key topics of interest include (but are not limited to):

- Multicriteria Decision Aid

- Decision Support Modeling
- Decision Support and Expert Systems in the Environment and Energy Sectors
- Data Visualisation and Decision Making/Support
- Environmental and Energy Data Visualisation
- Geographic Information Systems
- Data Science, Big Data Analytics and Business Intelligence
- Technical and Managerial Dashboards for Decision Support
- Knowledge Acquisition, Management, Extraction and Visualisation
- Collaborative Decision Making
- Intelligent, Web-based, Spatial Decision Support Systems
- Application Models and Systems: Agricultural, Environmental, Farming, Water Resources, Livestock, Fisheries, Warehouse, Sustainable Forest and Rangeland Management, Food Processing and Supply Chain Management
- Simulation Models and Systems, Regional Planning, Logistics and Traceability
- Case Studies involving any of the above issues.

Contributions: We welcome submissions as Short Papers (**by 1 March 2018**) and Posters (**by 25 March 2018**). Templates for Papers & Posters will be available from the conference website: icdsst2018.wordpress.com.

Submission procedure: The submissions' handling and reviewing of papers of the ICDSST-PROMETHEE DAYS 2018 Conference is done through the EasyChair Conference System. Prospective authors are kindly asked to include a cover page in the submitted document indicating whether they are submitting their work for the main ICDSST stream or for the **PROMETHEE DAYS** stream (and the **JPB PROMETHEE Award**). The **EWG-DSS ICDSST-PROMETHEE DAYS 2018** EasyChair link for submissions is:

[https://easychair.org/conferences/?conf=icdsst2018.](https://easychair.org/conferences/?conf=icdsst2018)

Publications: As in previous **EWG-DSS** and **PROMETHEE Days** conferences, accepted papers may be published through various means, including the Conference Proceedings, the Springer book series – Lecture Notes in Business Information Processing (LNBIP), and the Special Issues in DSS and MCDM related journals.

Looking forward to seeing you in Crete!



ICDSST 2018 - EWG-DSS EURO Working Group on Decision Support Systems

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