

Track 16:

Environmental Impact and Sustainable Development

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DESCRIPTION OF THE TRACK

WHEC-2022 is a multidisciplinary international conference hosted by the International Association of Hydrogen Energy. The conference will offer both onsite and online presentations and exhibitions. In this track, authors are cordially invited to submit their extended abstracts in the field of Environmental Impact and Sustainable Development. Some key topics are listed here as a guide for the authors. The authors should submit their extended abstracts with a choice for either oral or poster presentations.

KEY TOPICS

(Topics include but not limited to the following)

- Life cycle assessment of non renewable energy based hydrogen production methods
- Environmental impact of intergated energy systems
- Sustainability aspect of hydrogen fuel cell systems
- Environmental aspects and impacts of hydrogen technologies
- Sustainable development of current and future fuel cell vehicles
- Life cycle assessment of renewable energy based hydrogen production methods
- Sustainable development goals and hydrogen
- Environmental impact of hydrogen storage methods
- Life cycle assessment of alternative fuel productions
- Environmental impacts of hydrogen based chemical production

Important Dates

Extended abstract due:

December 15, 2021

Notification of abstract acceptance:

February 15, 2022

WHEC2022 Tracks

- Track 1: Hydrogen Production: Thermochemical and PhotonicMethods
- Track 2: Hydrogen Production: Electrolysis
- Track 3: Hydrogen Production: Biological Methods and Biohydrogen
- Track 4: Hydrogen Production: Nuclear
- Track 5: Hydrogen Separation and Purification
- Track 6: Hydrogen Storage
- Track 7: Fuel Cells: PEMFC
- Track 8: Fuel Cells: SOFC and other types
- Track 9: Integrated Hydrogen Energy Systems
- Track 10: Power to Gas
- Track 11: Hydrogen Safety
- Track 12: Codes, Standards and Regulations
- Track 13: Strategies and Policies
- Track 14: Hydrogen Industry, Commercialization and Marketing, Applications
- Track 15: Hydrogen Economy, Logistics, Infrastructure
- Track 16: Environmental Impact and Sustainable Development
- Track 17: Social Dimensions

