

2nd AGROECOINFO: Sustainability and Geoinformatics in Vulnerable Ecosystems

June 16-18, 2022 | Volos | Greece

<http://agroecoinfo2022.uth.gr/>

GENERAL INFORMATION

The International Symposium is organized by:

- University of Thessaly,
- 3D S.A., Greece,
- SUPROMED PRIMA Project,
- HUBIS PRIMA Project.

AGROECOINFO 2022 aims to bring together professionals, experts, researchers and students working on **Ecosystems Sustainability and Geoinformatics**, emphasizing on solutions and innovations to ecosystem cases and the respective challenges.

TOPICS

Submissions in all areas of Ecosystems Sustainability and Geoinformatics, including but not limited to:

1. Climate Variability and Change: Impacts – Mitigation – Adaptation

- Climate Variability in Agriculture
- Agriculture and Water Resources
- Irrigation
- Water Availability
- Climate modelling: GCM, RCM
- Impacts and mitigation of climate change
- Adaptation to climate change
- Agroclimatic classification – zoning

2. Environmental Hazards

- Hydrometeorological hazards in Agriculture (floods, storms, drought, desertification)
- Biophysical hazards in Agriculture (frost, heatwaves, biohazards, wildfires)

3. Ecosystem management

- Soil management and sustainability
- Water management
- Zero waste management
- Toxicology and Ecotoxicology
- Environmental quality management
- Environment and health
- Environmental economics
- Environmental scores and measures

- Environmental Geoinformatics

4. Environmental Geoinformatics-Digital Agriculture

- Smart Agriculture
- Smart farming
- Remote Sensing (active: radar, SAR, passive: satellites)
- GIS
- Decision Support Systems (DSS)
- Green ICT
- Web –hub applications
- Wireless Sensor Networks (WSN) and Sensor Development
- Multi sensor and data fusion
- Intelligent systems for agriculture production
- Precision Agriculture (PA)
- IoT, agricultural sensors, and farming drones

5. Ecosystems Sustainability

- Land and Marine ecosystems
- Sustainability in production and consumption
- Water - Ecosystems - Food (WEF) Nexus
- Biodiversity
- Circular economy
- Renewable energy sources
- Environmental legislation, ethics and green politics
- Sustainable Development Goals (SDGs)

TYPES OF SUBMISSION

Abstract	Up to 300 words
Paper	4-6 pages
Paper Format	T.B.A.

Submissions can be presented either orally or as an e-poster. All accepted submissions will be published in the related Symposium Proceedings (e-book). Besides Proceedings, several thematic special issue publications of high-quality relevant journals will be considered.

All submissions will be reviewed through peer review process by at least two referees from the selected scientific committee. You can find more information on how to submit your paper by visiting: <http://agroecoinfo2022.uth.gr/>

REGISTRATION FEES

For papers to be included in the Proceedings, at least one author or co-author must be registered.

Registration Fee (Normal)	90 Euros
Registration Fee (Student)	40 Euros
Members of SUPROMED and HubIS teams	0 Euros
Payments	T.B.A.

IMPORTANT DATES

February 16, 2022	Abstracts Submissions due
February 28, 2022	Notification of Acceptance
May 11 2022	Full Paper Submission
May 24, 2022	Final Paper Acceptance
June 16-18, 2022	2nd AGROECOINFO: Volos, Greece

CONFERENCE SECRETARIAT

For any further information you can contact the Conference Secretariat or the Program Chairs directly by visiting: agroecoinfo2022@uth.gr

Chairman
of the organizing and scientific committee
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