Warms invitation to CIMEE24 Special Sessions

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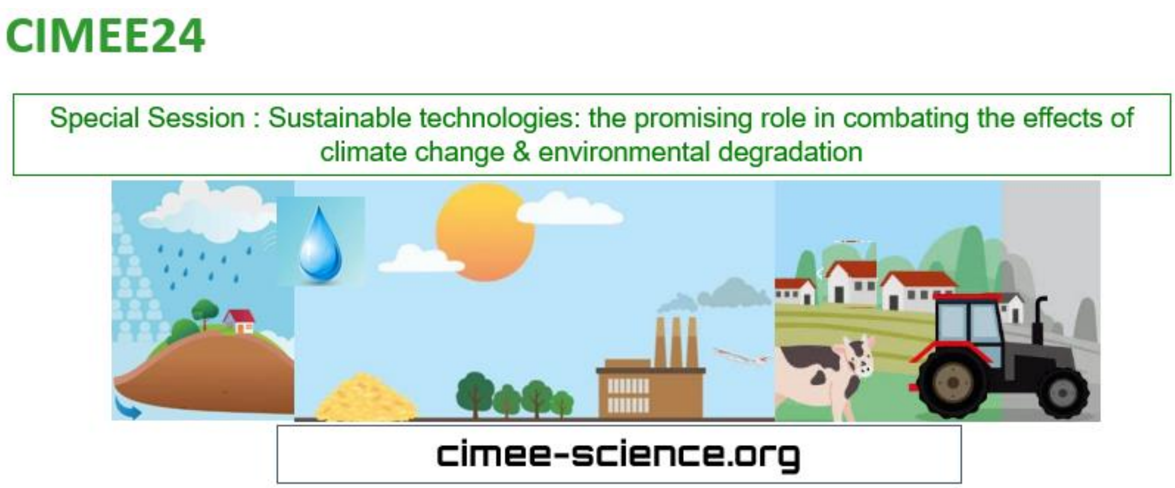
SS 01: Green Technologies Innovations & Monitoring Techniques for Soil Remediation

SS 02: Environmental toxicology of marine microplastic pollution: innovative Removal technologies and future solutions

SS 03: Advanced materials for Energy Decarbonization and environmental Sustainability

SS 04: Co-pyrolysis technology of biomass and waste for bioenergy & hydrogen production: challenges, and opportunities



Call for papers CIMEE24 Special sessions

Sustainable technologies: the promising role in combating the effects of climate change & environmental degradation

- **Green Technologies Innovations & Monitoring Techniques for Soil Remediation**
- **Environmental toxicology of marine microplastic pollution: innovative Removal technologies & future solutions**
- **Advanced materials for Energy Decarbonization and environmental Sustainability**
- **Co-pyrolysis technology of biomass and waste for bioenergy & hydrogen production: challenges, & opportunities**

Sustainable Technologies: the promising role in fighting the effects of climate change & environmental degradation

01

Sustainable waste management systems help in conserving natural resources & fight against environmental degradation. Waste to energy conversion can reduce carbon emissions and thus combat climate change

Waste management and use of resources

02

Improve productivity while reducing the environmental impact of agriculture. For example, can help farmers reduce the use of pesticides & fertilizers, lower water usage, and optimize crop yields.

Sustainable Agriculture Technologies

03

Identifying & addressing environmental issues. Remote sensing technologies can be used to monitor deforestation, land use changes, & other environmental changes.

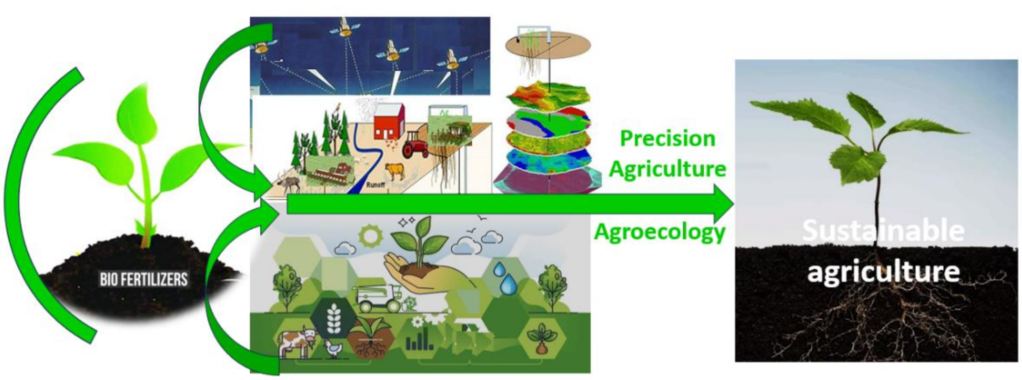
Environmental Monitoring Technologies

04

Energy from renewable sources must be utilized to decarbonize the energy sector. Renewable energy sources such as Biomass. Can reduce GHG emissions & air pollution.

Renewable Energy Technologies

Sustainable Agriculture: The potential role of Agroecology, Biofertilizers and precision agriculture



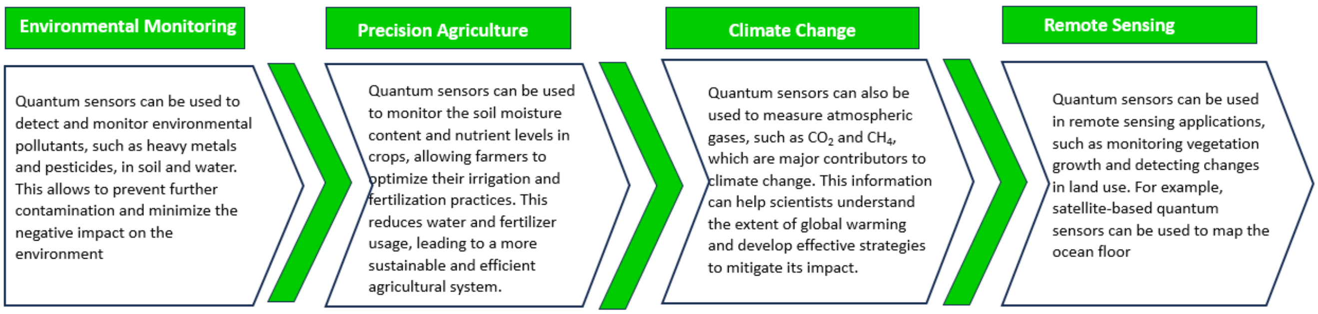
Precision Agriculture and the Role of Remote Sensing monitoring: the potential role to combating climate change

Quantum Sensors in Agriculture and Environmental Monitoring

The use of quantum sensors in agriculture and environmental monitoring has the potential to

$\Rightarrow$ improve the understanding of the natural world

$\Rightarrow$ and help to develop more sustainable and efficient systems



Tackling the climate crisis: The potential role of carbon removal and carbon capture technology