

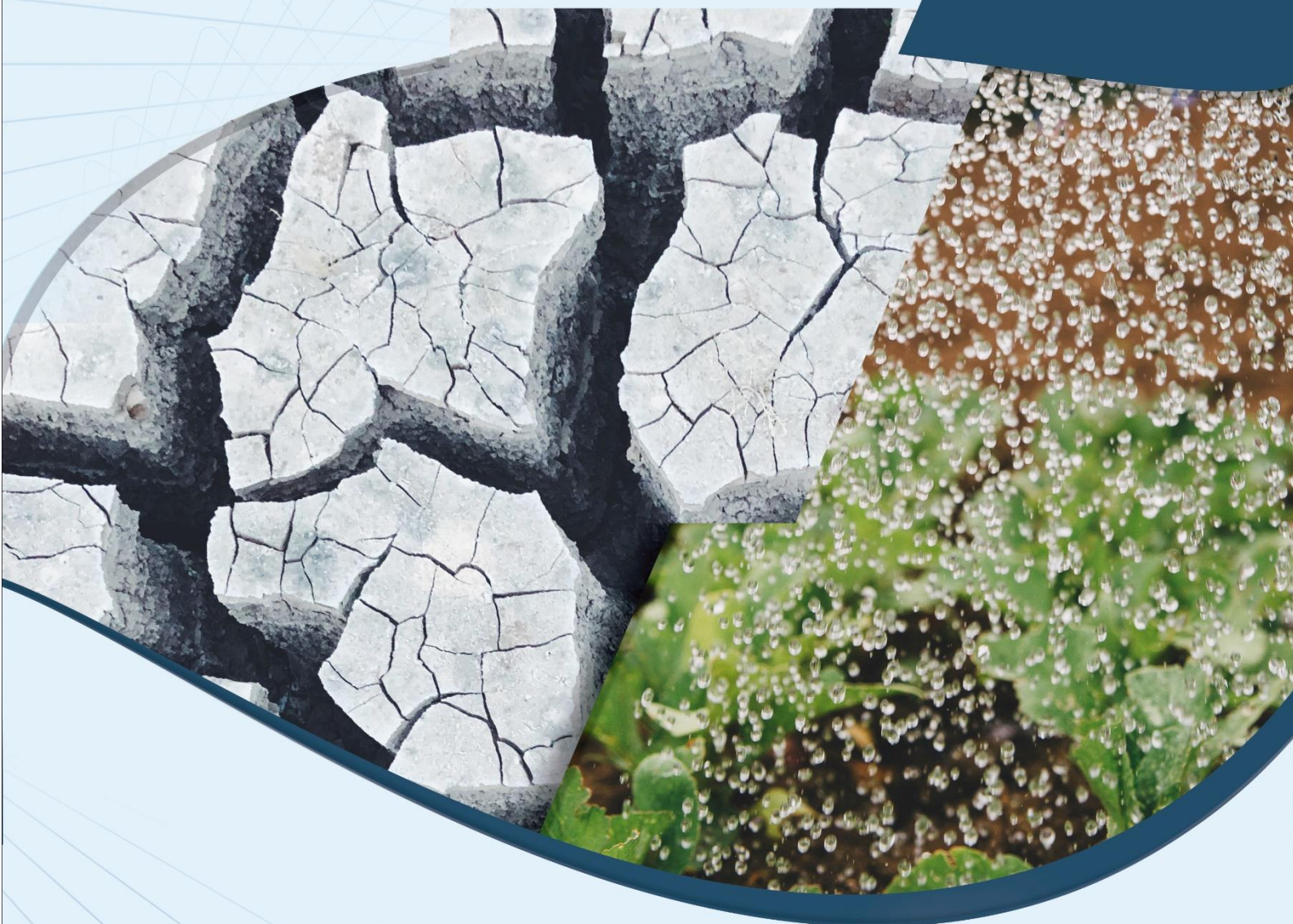


SYMPOSIUM
**AGRICULTURE AND
FOOD SUSTAINABILITY**
NEW CLIMATE CHANGE SCENARIOS

Onsite & Online
Attendance

**11-13
OCTOBER
2021**

Madeira Island · Portugal



PROGRAM



www.afss2021.com

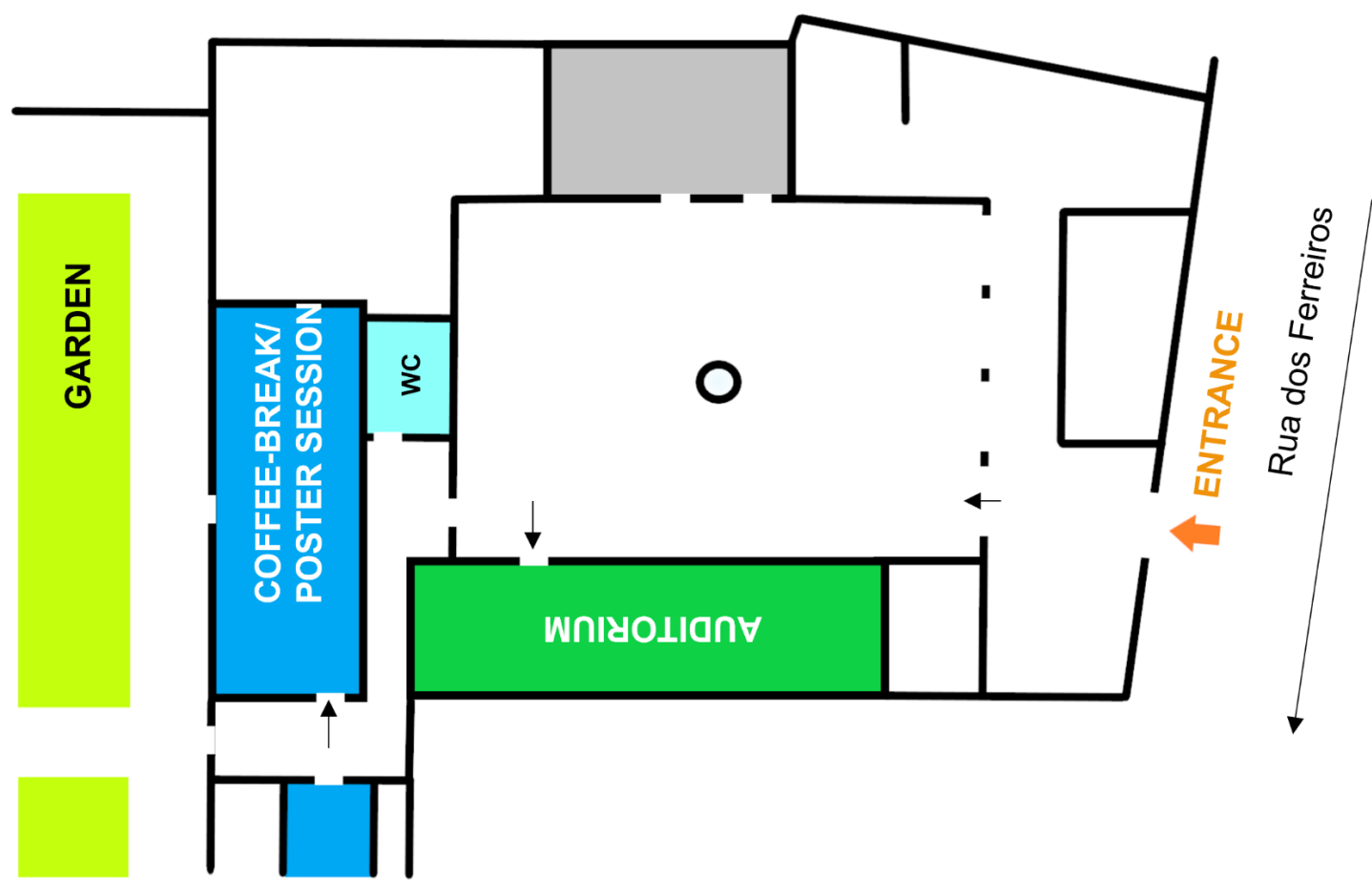


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Venue (map)



General Program

Sunday, 10 th of October	Monday, 11 th of October	Tuesday, 12 th of October	Wednesday, 13 th of October
15:00-17:00 Registration	08:30-09:00 Registration		
	09:00-09:40 Opening ceremony	08:30-09:00 Registration	
	09:40-10:40 Keynote-speaker presentation 1	9:00-10:00 Keynote-speaker presentation 3	9:00-10:00 Keynote-speaker presentation 5
	10:40-11:40 Coffee-break / Poster session	10:00-11:00 Coffee-break / Poster session	10:00-10:40 Coffee-break / Poster session
	11:40-12:40 Oral presentations	11:00-12:30 Oral presentations	10:40-11:40 Keynote-speaker presentation 6
	12:40-14:00 Lunch	12:30-14:00 Lunch	11:40-12:40 Round Table
	14:00-15:00 Keynote-speaker presentation 2	14:00-15:00 Keynote-speaker presentation 4	12:40-13:00 Awards
	15:00-16:00 Coffee-break / Poster session	15:00-16:00 Coffee-break / Poster session	13:00-14:30 Closing event & Lunch
	16:00-17:30 Oral presentations	16:00-17:30 Oral presentations	14:30 Social events
	17:30-18:30 Welcome event	20:00 Gala dinner	

Program

Sunday, 10th of October 2021

15:00 – 17:00 **Registration**

Monday, 11th of October 2021

08:30-09:00 **Registration**

09:00-09:40 **Opening ceremony**

Chairperson: David Horta Lopes *University of Azores*

09:40-10:40 **KSC-01 Assessing the impacts of climate changes in agriculture: Current status, advances, and challenges**
Cristina Branquinho University of Lisbon

10:40-11:40 **Coffee-break & Poster session**

11:40-12:40 **OC-01 Assessing the anticipated climate changes impacts in Madeiran agriculture through characterization and monitoring case study agrosystems**
Miguel Ângelo A. Pinheiro de Carvalho ISOPlexis, University of Madeira

OC-02 Floristic composition and biodiversity structure of Madeira Archipelago agro systems
Humberto Nóbrega ISOPlexis, University of Madeira

OC-03 Bacterial and Archaeal community's structure: the characterization and monitoring of a vine agrosystem from Madeira
Carla Ragonezi ISOPlexis, University of Madeira

OC-04 Seasonal dynamic of soil fungal communities in two distinct agroecosystems
Cristina Oliveira ISOPlexis, University of Madeira

12:40-14:00 **Lunch**

Chairperson: to be announced

14:00-15:00 **KSC-02 Climate resilient crops - a major challenge for improving global food security and safety**
Cristina Máguas University of Lisbon

15:00-16:00 **Coffee-break & Poster session**

16:00-17:30 **OC-05 Modeling the potencial distribution of the Spotted Wing *Drosophila* (*Drosophila suzukii*) in Madeira Island**
Fábio Reis ISOPlexis, University of Madeira

Monday, 11th of October 2021

OC-06 Quality composition of Madeiran sweet potato grown under different agro-climatic conditions

Carla Gouveia *ISOPlexis, University of Madeira*

OC-07 Towards a sustainable and circular economy: Agrifood waste as a source of biomolecules for improving the global food system

Ana C. Vieira *ISOPlexis, University of Madeira; Institute for Nanostructures, Nanomodelling and Nanofabrication, University of Aveiro*

OC-08 Keeping up with grapevine summer stress: the kaolin case

Sara Bernardo *CITAB, University of Trás-os-Montes and Alto Douro*

OC-09 Potential of maize-cowpea intercropping system to reduce the climatic change impacts in Portugal

Ana Maria Barata, *INIAV – Instituto Nacional de Investigação Agrária e Veterinária*

OC-10 Responses to soil compaction stress among maize hybrids (*Zea mays* L.) - Selection approach

Maciej T. Grzesiak *The Franciszek Górski Institute of Plant Physiology, Polish Academy of Sciences*

17:30-18:30 **Welcome Event – Madeira d' Honra**

Tuesday, 12th of October 2021

Chairperson: to be announced

09:00-10:00	KSC-03 Scheduling irrigation for a digital, sustainable, and intensive agriculture José Enrique Fernández Luque <i>IRNAS – Instituto de Recursos Naturales y Agrobiología de Sevilla, CSIC – Consejo Superior de Investigaciones Científicas</i>
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10:00-11:00	Coffee-break & Poster session
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11:00-12:30	OC-11 Soil nutrient estimation using machine learning and sentinel-2 earth observation data
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Lucas Pereira *ITI-LARSyS – Técnico Lisboa*

OC-12 Antimicrobial peptides for crop protection against the fungal pathogen *Botrytis cinerea*

José Manuel Pérez de la Lastra *Instituto de Productos Naturales y Agrobiología – IPNA-CSIC*

OC-13 The role of the Cuarentagri project in monitoring pests and issuing phytosanitary sheets as an embryo of the creation of an agricultural warning system in the Azores

David Lopes *Ce3C – Centre for Ecology, Evolution and Environmental Changes, University of Azores*

OC-14 Root treatment with menadione sodium bisulfite induces resistance against *Botrytis cinerea* in tomato plants: A promising eco-friendly fungicide alternative

Andrés A. Borges *Instituto de Productos Naturales y Agrobiología – IPNA-CSIC*

OC-15 Climate change and its implications on irrigation water management in the south of Portugal

Tuesday, 12th of October 2021

João Rolim *LEAF-Linking Landscape, Environment, Agriculture and Food, Instituto Superior de Agronomia, University of Lisbon*

OC-16 Physiological performance of sweet cherry tree cv. Early Bigi with pre-harvest application of biostimulants

Sílvia Afonso *CITAB, University of Trás-os-Montes and Alto Douro*

12:30-14:00 Lunch

Chairperson: to be announced

14:00-15:00 KSC-04 From climate change evidence to climate-smart agriculture

João Carlos Andrade Santos *University of Trás-os-Montes and Alto Douro*

15:00-16:00 Coffee-break & Poster session

16:00-17:30 OC-17 Modifications on commercial drones for precision agriculture

José Fco. López *Institute for Applied Microelectronics, University Las Palmas de Gran Canaria*

OC-18 The Pervemac II project and its actions regarding a sustainable agriculture and food safety in Azores

David Lopes *Ce3C – Centre for Ecology, Evolution and Environmental Changes, University of Azores*

OC-19 Sensors in food safety – An overview

Ana Isabel Freitas *ISOPlexis, University of Madeira; Institute for Nanostructures, Nanomodelling and Nanofabrication, University of Aveiro*

OC-20 Sustainability case studies on Madeira wine production

Anísia Martins *ISOPlexis, University of Madeira; Institute for Nanostructures, Nanomodelling and Nanofabrication, University of Aveiro*

OC-21 Aiming for a sustainable beer production: creating opportunities with our by products

Sofia Freitas *Empresa de Cervejas da Madeira*

20:00 Gala dinner

Wednesday, 13th of October 2021

Chairperson: Elsa Fernandes *University of Madeira*

09:00-10:00 KSC-05 Impacts on food security and diet

Pedro Portugal Gaspar *ASAE – Autoridade de Segurança Alimentar e Económica*

10:00-10:40 Coffee-break & Poster session

Wednesday, 13th of October 2021

10:40-11:40	KSC-06 Grape and winegrowing: The canary in the coal mine not only for agriculture - A perspective from a food microbiologist Manuel Malfeito Ferreira <i>Instituto Superior de Agronomia, University of Lisbon</i>
11:40-12:40	Round table
12:40-13:00	Awards
13:00-14:30	Closing event & Lunch
14:30	Social events with ASFF2021 partnerships

Social Events

For [detailed information](#), please check the **Program & Abstract Book**

FREE - Blandy's Madeira Wine Tour & Madeira wine tasting

13th of October 2021, 17h30

Book with the Organizing Committee (info@afss2021.com) until the **11th of October**

20% DISCOUNT - City sightseeing

9th to 15th of October 2021 (Hop on hop off, valid for 48h)

20% DISCOUNT - Whale watching by catamaran

13th of October 2021, 15-18h

Book with the Organizing Committee (info@afss2021.com) until the **11th of October** and pay in cash (symposium venue)

20% DISCOUNT - Funchal: Old Town walking tour (English)

13th of October 2021, 15h



