

COP24 SIDE EVENT: INTERNATIONAL SOIL CARBON SEQUESTRATION RESEARCH H2020 CIRCASA

Friday 7th December 2018 (Time: 9:30 AM)

PACIFIC AND KORONIVIA PAVILION

A Pacific Partnership: The COP23 Presidency of the Republic of Fiji with support from New Zealand



This event will present the results of the first year of operation of the project, which includes scientific results and output of a global online stakeholder consultation on soil organic carbon management. It will also highlight the links between CIRCASA and The Global Research Alliance on Agricultural Greenhouse Gases (GRA) and the "4 per 1000" initiative and precise how CIRCASA could contribute to the Koronivia program.

Program:

Presentations

- Views on soil carbon research in the EU:
Agnieszka Romanowicz, DG AGRI
- CIRCASA Project presentation and first results:
Jean-François Soussana (CIRCASA project coordinator) & **Cristina Arias-Navarro** (CIRCASA Scientific Officer)
- The Global Research Alliance:
Hayden Montgomery, GRA Special Representative
- The 4 per 1000 Initiative:
Viridiana Alcántara, 4 per 1000 Secretariat
- Research Policy Interface:
Valérie Dermaux (FR) & Herwig Ranner (DG AGRI)

Discussion

ORGANISERS AND PARTNERS



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 774378

Participating initiatives



PARTNERS

INRA SCIENCE & IMPACT	French National Institute for Agricultural Research (INRA)	IIASA International Institute for Applied Systems Analysis	International Institute for Applied Systems Analysis (IIASA)
CIAT Centro Internacional de Agricultura Tropical International Center for Tropical Agriculture	International Center for Tropical Agriculture (CIAT)	ecologic	Ecologic Institute (EI)
MAX-PLANCK-GESellschaft	Max Planck Society for the Advancement of Science (MPG)	AAU AARHUS UNIVERSITY	Aarhus University (AU)
CIRAD CENTRE INTERNATIONAL D'AGRICULTURE TROPICALE Recherche Agronomique pour le Développement	Centre de coopération Internationale en Recherche Agronomique pour le Développement (CIRAD)	European Commission Joint Research Centre	European Commission, Joint Research Centre (JRC)
IITA Research to Advance Africa	International Institute of Tropical Agriculture (IITA)	IRD Institut de Recherche pour le Développement	Institut de recherche pour le développement (IRD)
Laboratoire des Radiosotopes (LRI)	Laboratoire des Radiosotopes (LRI)	WAGENINGEN STICHTING WAGENINGEN RESEARCH	Stichting Wageningen Research (WR)
ISRIC International Soil Reference and Information Centre	Stichting International Soil Reference and Information Centre (ISRIC)	UNIVERSITY OF ABERDEEN	University of Aberdeen (ABDN)
UNIVERSITY OF LEEDS	University of Leeds (UoL)	ARC Agricultural Research Council	Agricultural Research Council (ARC)
CSIRO Commonwealth Scientific and Industrial Research Organisation	Commonwealth Scientific and Industrial Research Organisation (CSIRO)	Embrapa	Brazilian Agricultural Research Corporation (EMBRAPA)
中国农业科学院 CHINESE ACADEMY OF AGRICULTURAL SCIENCES	Chinese Academy of Agricultural Sciences (CAAS)	NEW ZEALAND AGRICULTURAL GREENHOUSE GAS RESEARCH CENTRE	New Zealand Agricultural Greenhouse Gas Research Centre of AgResearch Limited (NZAGRC)
M.V. Lomonosov Moscow State University	M.V. Lomonosov Moscow State University (MSU)	COLORADO STATE UNIVERSITY	Colorado State University System (CSU)

Coordination of International Research Cooperation on soil Carbon Sequestration in Agriculture



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ABOUT CIRCASA

The CIRCASA project aims to develop international synergies concerning research and knowledge exchange in the field of carbon sequestration in agricultural soils at European Union and global levels with active engagement of all relevant stakeholders.

OBJECTIVES

1. Strengthen the international research community
2. Improve our understanding of agricultural soil carbon sequestration and its potential for climate change mitigation and adaptation
3. Co-design a strategic research agenda with scientists and stakeholders
4. Create an International Research Consortium

METHODOLOGY

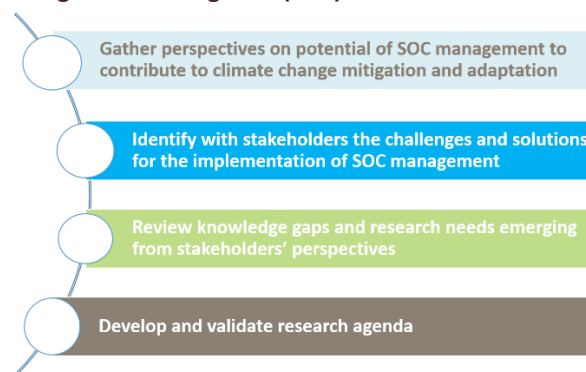
CIRCASA applies an interdisciplinary and global approach to coordinate international research cooperation through a strong international partnership.



Countries partners of: CIRCASA, 4 per 1000, GRA, FACCE JPI, CCAFS.

By bringing together the research community, governments, research agencies, international, national and regional institutions and private stakeholders CIRCASA takes stock of the current understanding of carbon sequestration in agricultural soils, identifies stakeholders' knowledge needs, and fosters the creation of new knowledge.

Strategic research agenda (SRA)



Active dialogue with stakeholders will be pursued through regular scientific and policy channels and dedicated regional / national stakeholder hubs, gathering their perspectives of SOC sequestration potential, role and management options, barriers and solutions to implementation, and knowledge demands.

An International Research Consortium based on this SRA will be created.

Stakeholder online survey

The survey, available in seven languages, will help to collect stakeholders' views on the role of Soil Organic Carbon (SOC) management for climate change mitigation and sustainable development, on what stakeholders think are the most effective management options, barriers and solutions, and what knowledge and research is needed to improve SOC management. To participate, visit our CIRCASA webpage www.circasa-project.eu

CIRCASA ADVISORY BOARDS

A key strategy of CIRCASA is to achieve consensus on future research priorities and activities with the help of two structures.

The Stakeholder Advisory Board (StAB)

The purpose of the StAB (composed of representatives from Farmers' organizations, Conservation agriculture and land conservation, Technical and scientific unions and centres, Business and industry, Landowners and NGOs.) is to ensure that we have diverse stakeholder perspectives included in the project.

The Research Policy Committee (RPC)

Formed by high-level representatives from Ministries, Research agencies, Universities and Research Organizations, as well as

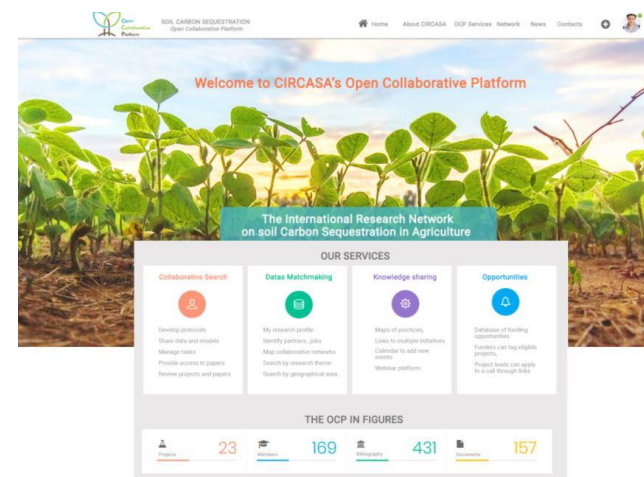
European Commission services, the RPC will play a key role in the identification of policy requirements, the revision of the SRA and the establishment of an International Research Consortium (IRC) for an alignment of international research.

An Online Collaborative Platform (OCP)

The OCP hosts the Knowledge Information System and offers different features for different type of users.

The OCP will be used to:

- Create a knowledge system of agricultural soil carbon
- Allow users' matchmaking
- Enhance the project communication and outreach (videos, webinars, newsletters)



This platform will be launched very soon, get registered!

If you want to stay tuned and be aware of all our activities, subscribe to our Newsletter at www.circasa-project.eu Or follow us on twitter [@CIRCASApject](https://twitter.com/CIRCASApject)

Project Key Facts

Project title: Coordination of International Research Cooperation on soil Carbon Sequestration in Agriculture (CIRCASA)

Funded under: H2020-EU.3.2.1.1. - Increasing production efficiency and coping with climate change, while ensuring sustainability and resilience

Topic(s): SFS-50-2017 - Supporting international cooperation activities on agriculture soil contribution to climate change mitigation and adaptation

Funding scheme: CSA - Coordination and support action

Coordinated in: France

Duration: From 2017-11-01 to 2020-10-31