

with Conservation Agriculture

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Sub-theme 1:

Successful experiences and learnings from Conservation Agriculture worldwide

Growth performance and correlation studies on Maize under different soil tillage conditions **Debarpita Datta Ray**

BCKV, India

Long-term no-fire Conservation Agriculture diversifies production on a sandy acrisol in Acre State, Southwestern Brazilian Amazon

Falberni de Souza Costa

Embrapa, Brazil

Smallholder agroecology training -- 3,000 success stories since 1997

Florence Reed

Growth at Sustainable Harvest International, United States

An operational definition of Conservation Agriculture to categorize the diversity of models in a given territory

Manon S. Ferdinand

Earth and Life Institute, Belgium

Effect of tillage and hydrogel application on the productivity of sunflower under rainfed conditions in Kashkadarya province of Uzbekistan

Muhammadjon Kosimov

FAO, Uzbekistan

Graphical representation and monitoring of the agricultural sustainability on olive orchards and vineyards; the suitability of CA

Paula Triviño-Tarradas

University of Cordoba, Spain

Weed dynamic in Conservation Agriculture: experiences from the Isite-BFC regional network of farmers and cropping system experiments on agroecology in France

Stéphane Cordeau

University of Borgogna, France

Successful scaling approaches leading to autonomous adoption of Conservation Agriculture in West Bengal

Tamara Jackson

Australian Centre for International Agricultural Research, Australia

Role of farmer cooperatives for participatory learning and scaling Conservation Agriculture: a case of Haryana, India

Vikas Chaudhary

Society for Conservation of Natural Resources and Empowering Rural Youth, India



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Farm and ecosystem level benefits of CA systems to farmers, society and environment

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Ari Koutonen

FICA, Finland

We will starve before we bake

Bill Crabtree

Arise African Agriculture, DRC

Impacts of post-sowing compaction on temporal variation of soil temperature for different wheat growth period in North China Plain

Caiyun Lu Lu

China Agricultural University, China

Initial impact of Conservation Agriculture on major diseases of crops (wheat, mustard, potato, maize and cauliflower) under rice-based cropping systems

Dibyendu Sarkar

BCKV, India

Conservation Agriculture technologies increase productivity and profitability of cereal based farming system in eastern plains of Nepal

Dipendra Pokharel

Department of Agriculture, Sunsari, Nepal.

- Soil quality changes under long term Conservation Agriculture in Morocco (region of Rabat Merchouch)

EL MEKKAOUI Abdelali

INRA, Morocco

Is Conservation Agriculture 'female friendly': learnings from the Eastern Gangetic Plains of South

Emma Karki

CIMMYT, Nepal

Greenhouse gas emissions in various cereal fertilization strategies in Conservation Agriculture in Mediterranean climates

Francisco Manuel Sanchez Ruiz

AEACSV, Spain

Profitability, work rate and fuel use in crops rotations in Conservation Agriculture vs conventional tillage in Mediterranean climate

Francisco Manuel Sanchez Ruiz

AEACSV, Spain

On-farm mechanized Conservation Agriculture: preliminary agro-economic performance difference between disc harrowing, ripping and no-till

Godfrey Omulo

University of Hohenheim, Germany

Impact of nitrogen placement strategy on performance of maize under 12-year long-term Conservation Agriculture in north western Indo- Gangetic plains of India

Hari Sankar Nayak

ICAR, India

Conservation Agriculture (CA) has to move on

John N Landers

FEBRAPDP, Brazil

Effects of multifunctional margins implementation in annual crops on biodiversity

Manuel Moreno García

IFAPA, Spain

Emissions of greenhouse gases in rotation of crops with different crop management in Mediterranean climates

Manuel R. Gómez-Ariza

AEACSV, Spain

Perennial forage crops for improved soil nitrogen cycling in East African smallholder dairy systems Marie E Schaedel

University of Minnesota, United States

Soil quality changes after 20 years of conservation tillage

Marjetka Suhadolc

University of Ljubljana, Slovenia

Soil protection and carbon sequestration through seeded groundcovers, spontaneous vegetation and pruning remains mulch in olive orchard

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IFAPA, Spain



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Mina Devkota

ICARDA, Morocco

LIFE+ Climagri: best agricultural practices for climate change: integrating strategies for mitigation and adaptation (Conservation Agriculture case study)

Óscar Veroz-González

AEACSV, Spain

Sustainability assessment methodology for CA: The INSPIA model

Paula Triviño- Tarradas

University of Cordoba, Spain

Impact of Conservation Agriculture practices on soil properties and maize grain yield in the semi-Arid Laikipia County, Kenya

Peter Kuria

ACT, Kenya

Effect of Conservation Agriculture based practices on biological and physico-chemical properties of light black soil under peanut-wheat cropping system

Ram Avatar Jat

ICAR, India

Contribution of Conservation Agriculture for wheat productivity improvement in Eastern Indogangetic Plains of India

Ravindra Kumar Sohane

Bihar Agricultural University, India

Carbon sequestration potential in the soil under two cropping systems and different irrigation systems

Rosa Carbonell-Bojollo

IFAPA, Spain

Camelina: a promising cash cover crop in Northern Italy

Sara Berzuini

University of Bologna, Italy

Enhancing profitability of small holder farmers through Conservation Agriculture in Eastern India

Srinivasaraghavan Ashwath

Bihar Agricultural University, India

Benefits of conservation tillage for soil erosion control

Steffen Seitz

University of Tübingen, Germany

Land degradation, climate change and farmers perspectives for promotion of Conservation Agricultural in the Kyrgyz Republic

Tatiana Semenova

WFP UN, Kyrgyzstan

Nitrogen fate in cereal cropping systems is affected by cover crops, N fertilization and tillage intensities - a case farm study

Tomke Wacker

Univeristy of Copenhagen, Denmark

Conservation tillage reduced soil erosion significantly – results from a long-term monitoring study in Switzerland

Volker Prasuhn

Agroscope, Switzerland

Impacts of cropping practices on the production of field crops (bread wheat, faba bean and rapeseed) in the context of climate change in the Sais region of Morocco.

Wafae Sellami

National Institute of Agronomic Research of Meknes, Morocco

Conservation tillage enhances productivity and decreases soil nitrogen losses in a rainfed agroecosystem of the Loess Plateau, China

Weiyan Wang

College of Agronomy, China



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Andrea Monti

University of Bologna, Italy

Should we defend glyphosate?

Bill Crabtree

Arise African Agriculture, DRC

Next steps for taking directly seeded rice to scale in the Eastern Gangetic Plains of South Asia **Brendan Brown**

International Maize and Wheat Improvement Center, Nepal

Soil biological response to cover crop termination methods with two levels of water availability

Chiquinquirá Hontoria

Universidad Politécnica de Madrid, Spain

A private CA label by farmers and a professional movie to reconcile farmers with citizens, and farming with agriculture **Gerard Rass**

APAD, France

Legacy effects of cover crops mixtures differently affect soil microorganism groups

Ignacio Mariscal Sancho

Universidad Politécnica de Madrid, Spain

Effectiveness of Conservation Agriculture in meeting the environmental objectives of the European Common Agricultural Policy

Manuel R. Gómez-Ariza

AEACSV, Spain



Profitable and Sustainable Farming with Conservation Agriculture

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Annemarie van der Merwe

Western Cape Department of Agriculture, South Africa

Adaptations of the LIFE Climagri Project GIS. Platform for its application to olive groves

Antonio Holgado-Cabrera

IFAPA, Spain

Estimation of Conservation Agriculture through SWOT Matrix: the new alluvial reality of West Bengal, India

Anwesha Mandal

BCKV, India

Remote sensing of winter wheat growth under conventional and no-tillage cultivation

Chris Cavalaris

University of Thessaly, Greece

The adoption of automatic navigation technology for row-followed no-till planting in China

Chunlei Wang

China Agricultural University, China

Smallholder agroecology training -- the low-hanging fruit for Conservation Agriculture

Florence Reed

Growth at Sustainable Harvest International, United States

Development of innovative strategies to avoid use of glyphosate in conservation tillage systems - Smart weed control **Jana Epperlein**

GBK, Germany

Application of soil suppression technique in no-tillage sowing in China

He Jin

China Agricultural University, China

The development and extension of subsoiling technology in China

He Jin

China Agricultural University, China

TOPPS PROJECT: A successful way to promote soil and water quality improvement through Conservation Agriculture

Julio Román-Vázquez

ECAF, Belgium

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Jussi Jaakko Knaapi

Helsinki University, Finland

Investigating farmers' habits and opinions to design an appropriable sustainability diagnosis for Walloon field crop

practices **Lola Leveau**

Earth and Life Institute, Belgium

Facts and figures on 17 years of a comparative study of conventional and conservation tillages in Hungary

Madarász Balázs

Geographical Institute, Research Centre for Astronomy and Earth Sciences, Hungary

Effect of cover crops on modern agricultural production of cherry trees in Chile

Rodrigo Figueroa

Pontificia Universidad Católica, Chile

Monitoring, tracking and estimation of Conservation Agriculture and ecological resilience: a participatory approach

followed in operating agro-ecosystem of new alluvial zone in Eastern India

Sankar Kumar Acharya

BCKV, India

Exploring approaches to strategic and effective communication for profitable and sustainable farming with

Conservation Agriculture

Sean Declan McCormack Flooded Cellar Production

Effect of Conservation Agriculture and precision water management on wheat productivity and irrigation water use

under rice-wheat cropping systems in the Indo- Gangetic Plains of India

SK Kakraliya

ICAR, India

Strategic tillage in Conservation Agriculture: consequences on weed communities and winter wheat productivity

Stéphane Cordeau

University of Borgogna, France

Conservation Agriculture (CA) in Malawi: A participatory assessment of soil health outcomes

Thirze Hermans

University of Leeds, United Kingdom

Modeling and verification of corn straw based on no-tillage cutting process in Conservation Agriculture

Xinpeng Cao

China Agricultural University, China