



Food and Agriculture  
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United Nations

GLOBAL SOIL  
PARTNERSHIP

12<sup>th</sup> Plenary Assembly

03-05 June 2024

# Water soil nexus: transforming soil health



OCP

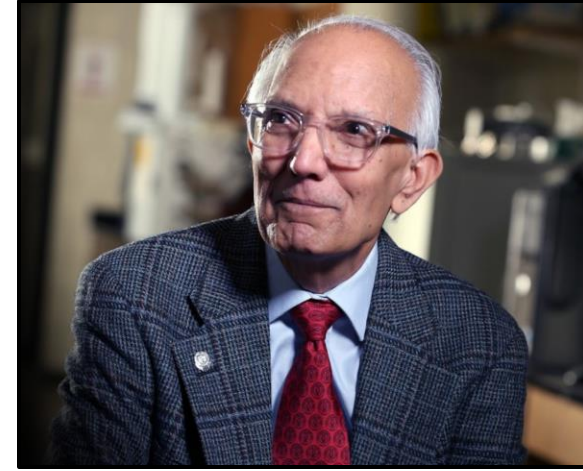




## Water soil nexus: transforming soil health



Meriem El Asraoui  
Chief Global Affairs Officer at  
OCP Group

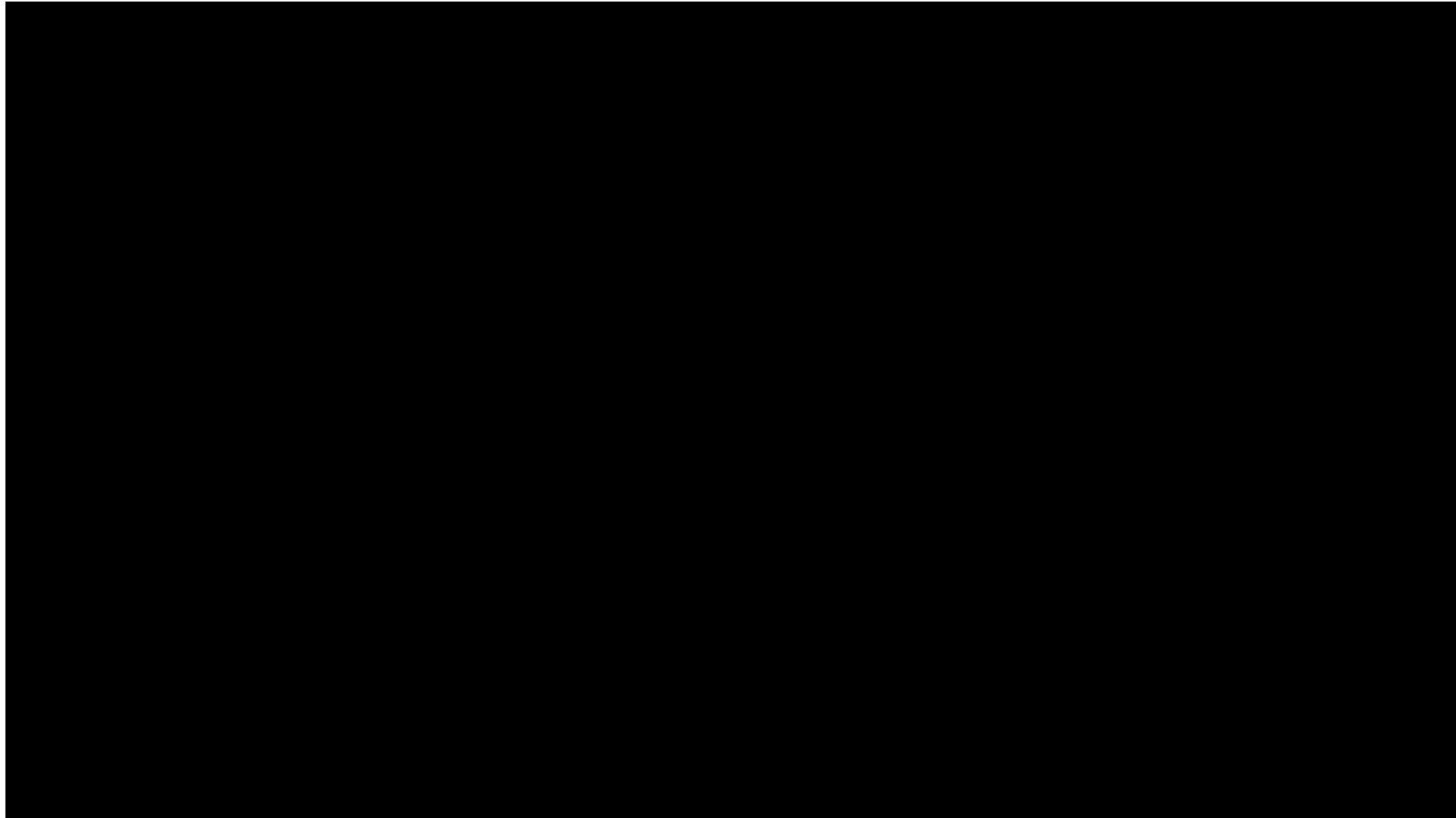


Dr. Rattan Lal  
Director CFAES Dr. Rattan Lal Center for Carbon Management  
and Sequestration (Lal Carbon Center), Distinguished  
Professor of Soil Science at Ohio State University, Member  
Science Advisory Committee of the Chair of Critical Zone  
Sciences – UM6P, 2020 World Food Prize

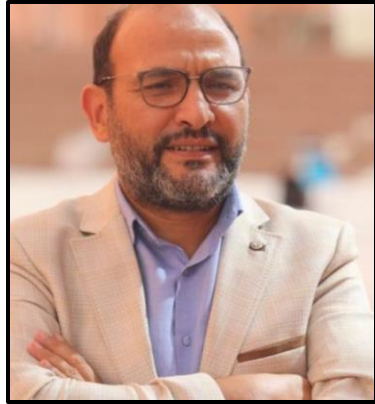


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Dr. Rachid Moussadek, Joint Researcher at ICARDA/INRA and the Chair of the FAO-Global Soil Partnership/GSP-NENA



Dr. Emilio Gonzalez-Sanchez - University of Cordoba (Spain) - AEACSV - ECAF · Department of Rural Engineering



Dr. Leonardus Vergutz, Chief Innovation Officer at OCP Group



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100% renewable  
energy to decarbonize  
our industrial  
processes by 2027



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## Three principles of Conservation Agriculture



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### Minimum mechanical soil disturbance

(i.e. no tillage) through direct seed and/or fertilizer placement.



### Permanent soil organic cover

(at least 30 percent) with crop residues and/or cover crops.



### Species diversification

through varied crop sequences and associations involving at least three different crops.



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# THANK YOU



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