

AgreenSkills Fellowship Testimony

Marine Lacoste

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Co-funded by the European Union







Marine Lacoste AgreenSkills Fellowship Testimony

UR SOLS, INRA, 45075 Orléans, France





5th AgreenSkills Annual meeting / Marine Lacoste

Experience

- 2006-2009: Engineering school of Agronomy (Bordeaux Sciences Agro, France)
- 2009-2012: PhD thesis (UMR SAS, France)
 High resolution modelling of soil evolution at the landscape scale (erosion, carbon)



Zion National Park (USA)

2013: Post-doctoral position (US INFOSOL, France)
 Digital Soil Mapping (GlobalSoilMap program)



University of Sydney

- 2014 -2018: Soil researcher permanent position (UR SOLS, INRA, France)
 - Soil structure quantification and modelling



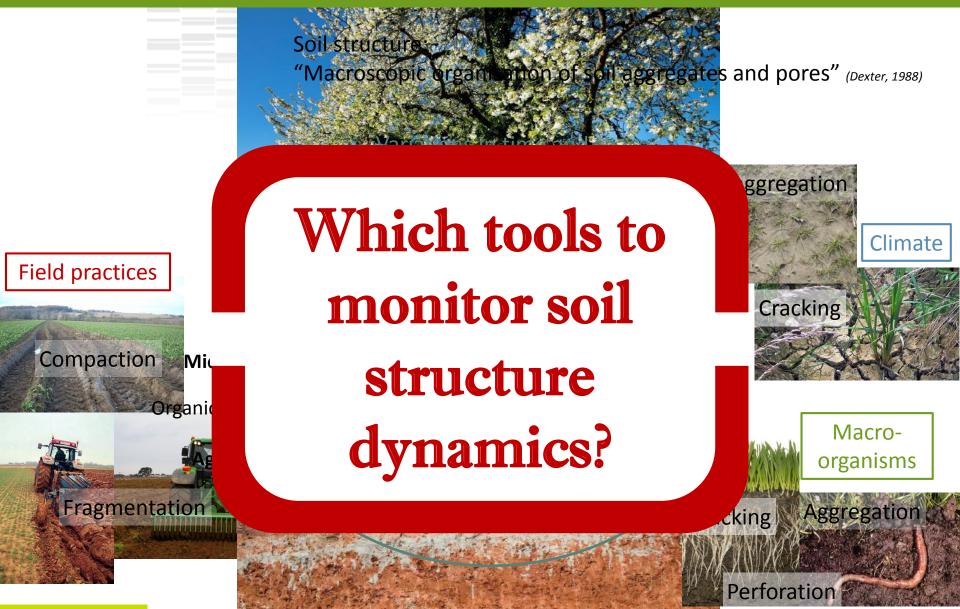


ETH Zürich / STEP group – Dani Or 🧼 October 2016-June 2017



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Research topic: Soil structure





.03 11-14 June 2018 - Edinburgh

Let's listen to the soil !

Passive acoustic emission to monitor soil structure dynamics





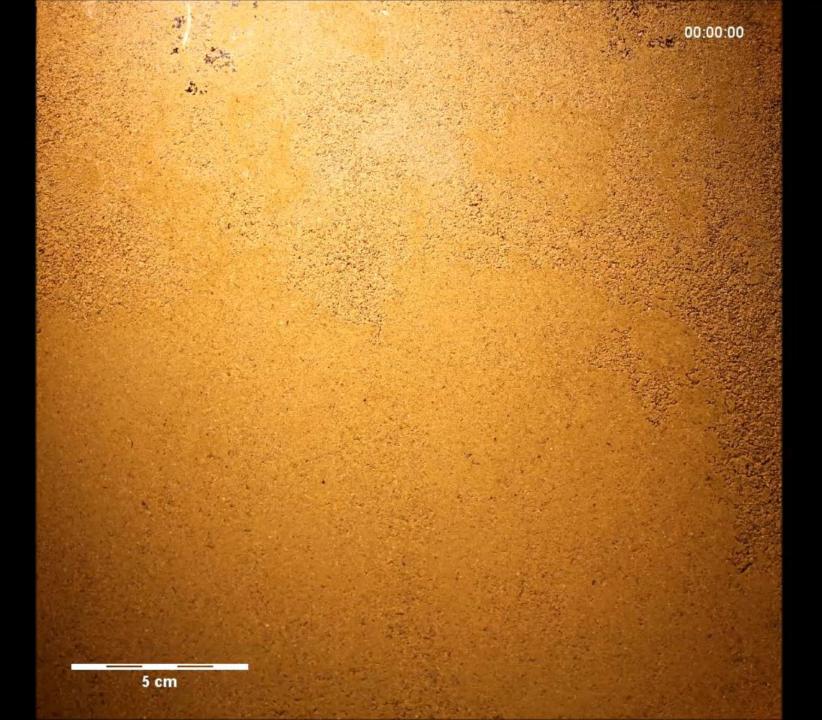
















- Exploration of an innovative method to monitor soil structure dynamics
 - Lacoste, M., Ruiz, S., Or., D. Listening to earthworms burrowing and roots growing - acoustic signatures of soil biological activity. Scientific Report (minor revisions)
- Rich professional experience in a foreign laboratory
- Helpful people and easy/light administrative requirements







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5th AgreenSkills Annual meeting - 11-14 June 2018 - Edinburgh