Upcoming MOOC
(Massive Open Online Course)
Soils for food security and climate

E-learning to broadcast knowledge of soils and their role in relation to climate change and food security

- Provide scientific and technical bases: the potential role of agricultural soils in relation to climate change, based on various contexts, agricultural systems, practices and levers for action applied
- Five weeks (2-3 h/week of personal study) to adopt the teaching contents, take part in discussion forums and collective guidance periods
- General “informed” public: partners of the 4 per 1000 initiative, professional and technical bodies, teaching and research and even international organisations
- Multilingual with sub-titles in French, English and Spanish

- **Thematics**

  | Challenges of agriculture | Mechanisms working in the context of climate change and the role of agriculture; mitigation, adaptation and food security issues |
  | Carbon storage in the soils | Mapping of stocks, potentials of sequestration according to the systems and practices, and associated effects |
  | Carbon measurement in the soils | Complexity of quantification of carbon storage, relevant scales, tools developed by research and the needs of agriculture professionals |
  | Agricultural and forestry strategies | Agricultural and forestry strategies, monitoring impact of practices, compromises between multiple objectives and implementation costs |
  | Socio-economic levers for action | Emergence or improvement conditions for social, political and institutional environments encouraging the adoption of virtuous practices |

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