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## Orals SSS2.5

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**Land Degradation and Soil Conservation Q**Convener: Manuel López-Vicente [Q](#) | Co-Convener: Pasquale Borrelli [Q](#)[Orals](#) / Thu, 12 Apr, 13:30–15:00[Posters](#) / Attendance Thu, 12 Apr, 17:30–19:00**Thursday, 12 April 2018**

Room -2.32

Chairperson: Manuel López-Vicente / Pasquale Borrelli

- 13:30–13:45 [EGU2018-827](#)  
**Application of the FAO Ex-ACT tool for carbon balance accounting in the agroecosystems of Tajikistan**  
*Olga Golubeva, Murod Ergashev, and German Kust*
- 13:45–14:00 [EGU2018-2045](#)  
**Research on the Primary Techniques and Their Effectiveness of Controlling Desertification in the East Sandy Land of Qinghai Lake**  
*Wangyang Wu, Lihui Tian, and Dengshan Zhang*
- 14:00–14:15 [EGU2018-9244](#)  
**Effect of Drought on Yield, Soil Microbial Biomass, C:N Ratio, Water Infiltration, Wind Erodibility, Water Stable Aggregates, and Nitrogen Mineralization in an Integrated Crop-Livestock System**  
*Songul Senturklu, Douglas Landblom, and Larry Cihacek*
- 14:15–14:30 [EGU2018-12401](#)  
**Methodology of determination of revised C-factor values using field rainfall simulator**  
*Tomas Dostal, Josef Krasa, David Zumr, Martin Neumann, Adela Roudnicka, Jakub Stasek, Miroslav Bauer, Ludek Strouhal, Tomas Laburda, Petr Kavka, Ivan Novotny, and Martin Mistr*
- 14:30–14:45 [EGU2018-14494](#)  
**A conceptual model for landscape evolution and agricultural land salinization in coastal area**  
*Aplena Elen Bless, François Colin, Crabit Armand, Nicolas Devaux, Olivier Philippon, and Stéphane Follain*
- 14:45–15:00 [EGU2018-18759](#)  
**Quantitative mapping of soil salinity in 3-d using a DUALEM-21S and EM4Soil inversion software**  
*Triven Koganti and John Triantafilis*