



**RIO18**  
21st World Congress  
of Soil Science

**21 WORLD CONGRESS OF SOIL SCIENCE**  
Sunday 12 – Friday 17 August 2018  
Rio de Janeiro, Brazil

Rio de Janeiro August | 12 - 17

## DIVISIONAL SIMPOSIUM – DIVISION 2

| Friday (Aug, 17) |      | Room “Capri I”  |                 |
|------------------|------|---|-----------------|
| <b>WG10</b>      |      | <b>Hydropedology: Hydropedology and critical zone science: toward systems soil science</b>  |                 |
|                  |      | <b>Convener:</b> Dr. Quirijn de Jong van Lier, USP, Piracicaba, Brazil  |                 |
|                  |      | <b>Co-Convener:</b> Dr. Brent Clothier, Plant & Food Research Ltd, Palmerston North, New Zealand.                                       |                 |
| Schedule         | ID   | Title   | Presenter       |
| 13:30 – 13:40    | --   | Opening   | Conveners       |
| 13:40 – 13:55    | 1251 | A systemic approach to model soil functions   | Hans-Jörg Vogel |
| 13:55 – 14:10    | 2764 | Spatial and temporal variations of SWC and its response to intensive human managements in the critical zone of the Loess Plateau, China | Yunqiang Wang   |
| 14:10 – 14:25    | 969  | Towards 3D-modelling of critical zone evolution: achievements and challenges  | Peter Finke     |
| 14:25 – 14:40    | 2768 | Towards integrated modeling of soil systems   | Harry Vereecken |
| 14:40 – 14:55    | 2547 | The contribution of hydropedological assessments to the availability and sustainable management of water, for all (SDG#6)               | Johan van Tol   |
| 14:55 – 15:10    |      |   |                 |
| 15:10 – 15:25    |      |   |                 |
| 15:25 – 15:40    |      |   |                 |
| 15:40 – 15:55    | --   | Closing   | Conveners       |



International Union of Soil Sciences



**Brazilian Soil Science Society**



**2015**  
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