



# Las Charlas del IPE

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**Plants have their places: Geological and edapho-climatic conditions of crop origins in South America**

**Agrogeology is a relatively new applied, trans-disciplinary science involving geoscientists, soil scientists, agronomists, biologists, and ecologists. As agrogeologist, I try to understand the complex relationship between rock parent material, soil development, natural vegetation and their evolution over time. In South America, the centres of biodiversity of many plants including commercially important crops like cacao, peanuts, pineapple, cassava, potatoes etc are located in areas which are characterized by specific edapho-climatic, and geological conditions. These biophysical conditions meet the physico-chemical requirements of specific plants and are crucial to outperform other plants. New research tools provide the basis for the development of biodiversity of selected crops in South America in space and time.**



IPE- CSIC Zaragoza

Lunes 14 de mayo de 2018 a las 10.00