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IPROMO

***Environmental and economic issues
to enhance mountain sustainability***
Ormea – Pieve Tesino 5-19 July 2017



GENERACIÓN, ANÁLISIS Y DIFUSIÓN
DE LA INFORMACIÓN
DEL MULTISECTOR DEL AGRO



Ministerio
de **Agricultura, Ganadería,**
Acuicultura y Pesca

Coordinación General
del **Sistema de**
Información Nacional



Education

- **2015 – 2016 Technical University of Madrid. Spain**
Máster Universitario Tecnología Agroambiental para una Agricultura Sostenible
- **2002 – 2008 Army Polytechnic School. Ecuador**
Bachelor of Science, Major Farming Sciences.

Employment and main activities

- Modeling System for Agricultural Impacts of Climate Change.
- Methodologies for Adaptation and Mitigation for Greenhouse Gas.





Other interests (volunteer work, hobbies etc.)

- Mountaineering
- Camping
- Photography
- Cycling
- Gardening



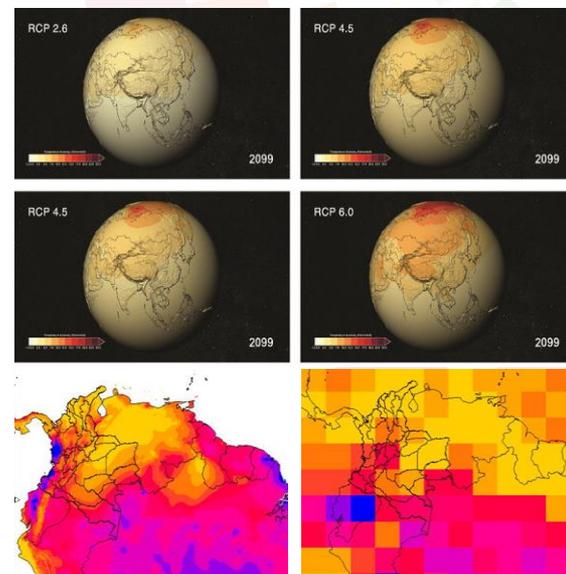


Effects of climate change in corn crops in Ecuador

Objectives

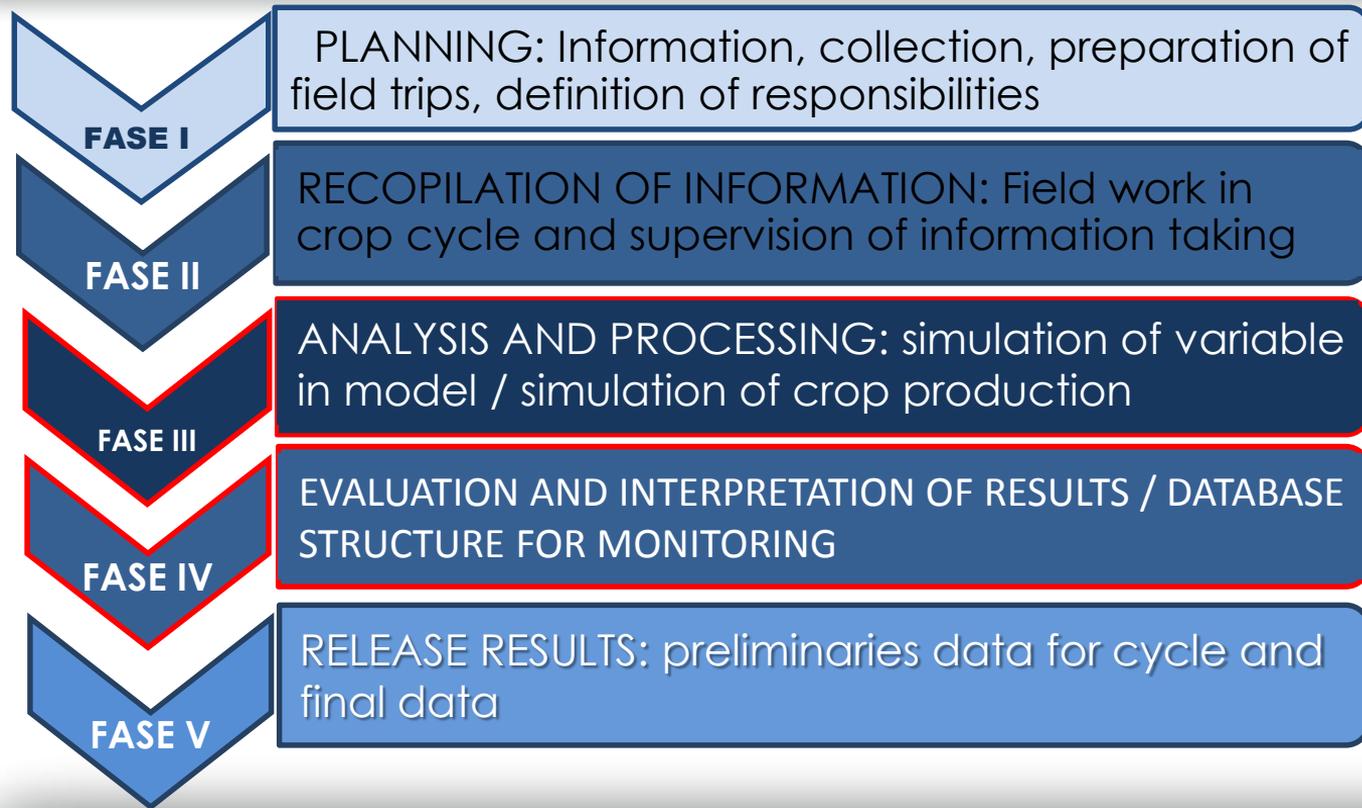
Determining the impacts of climate change on the production and yield of the corn crop using agroclimatic models.

- Create tools and a database for the continuous monitoring of the behavior of corn in the face of Climate Change scenarios.
- Simulate the growth of this crop to evaluate the impacts of climate variability.
- Analyze the different management practices and their impact on the growth, development and yield of dry hard corn.
- Determine the effects of climate change crop production and yield crops through agroclimatic models (eg DSSAT).
- Analyze adaptation strategies under conditions of variability and climate change.





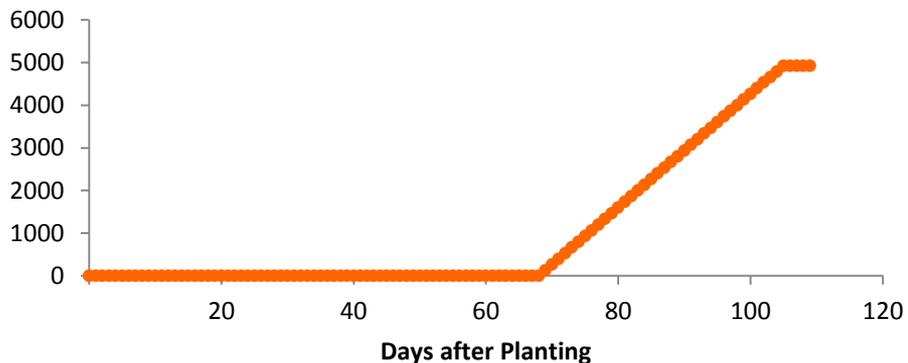
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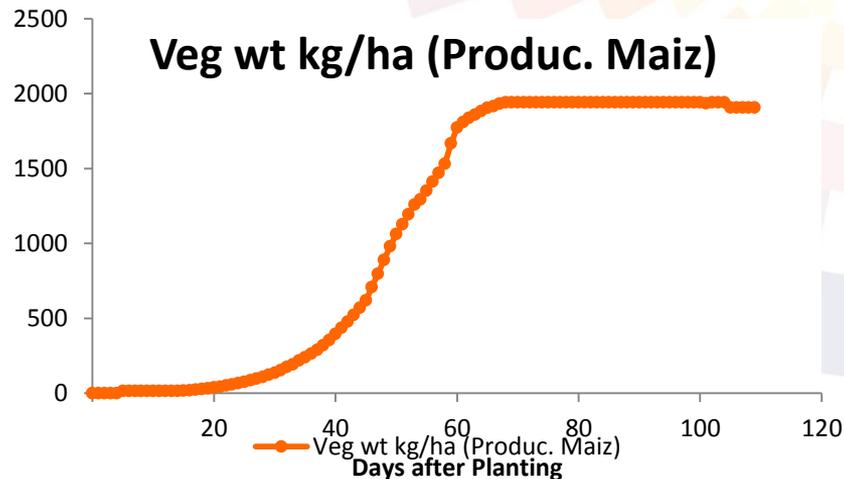
Effects of climate change in corn crops in Ecuador

Grain wt kg/ha (Produc. Maiz)



—●— Grain wt kg/ha (Produc. Maiz)

Veg wt kg/ha (Produc. Maiz)



—●— Veg wt kg/ha (Produc. Maiz)



A photograph of a cornfield at sunset. The sun is low on the horizon, casting a warm glow over the field. The corn plants are in the foreground, and the sky is filled with soft, colorful clouds. The text "Thank you" is overlaid in the center of the image.

Thank you