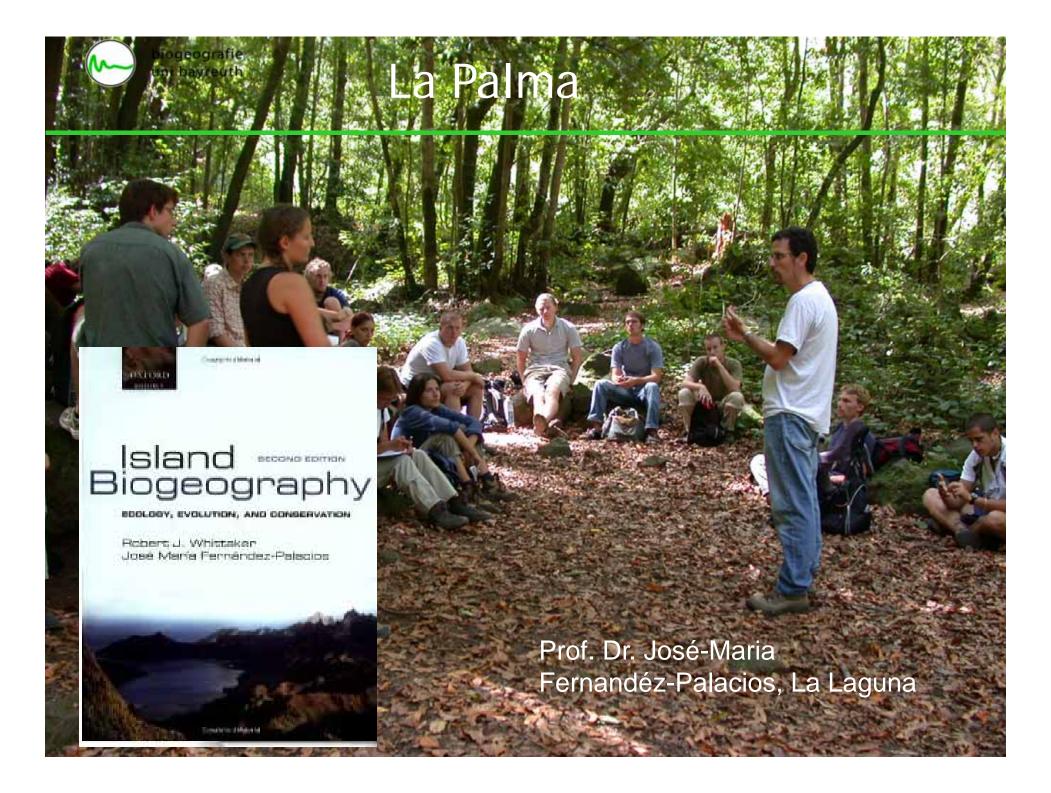
# Biodiversity of Islands in Face of Climate Change

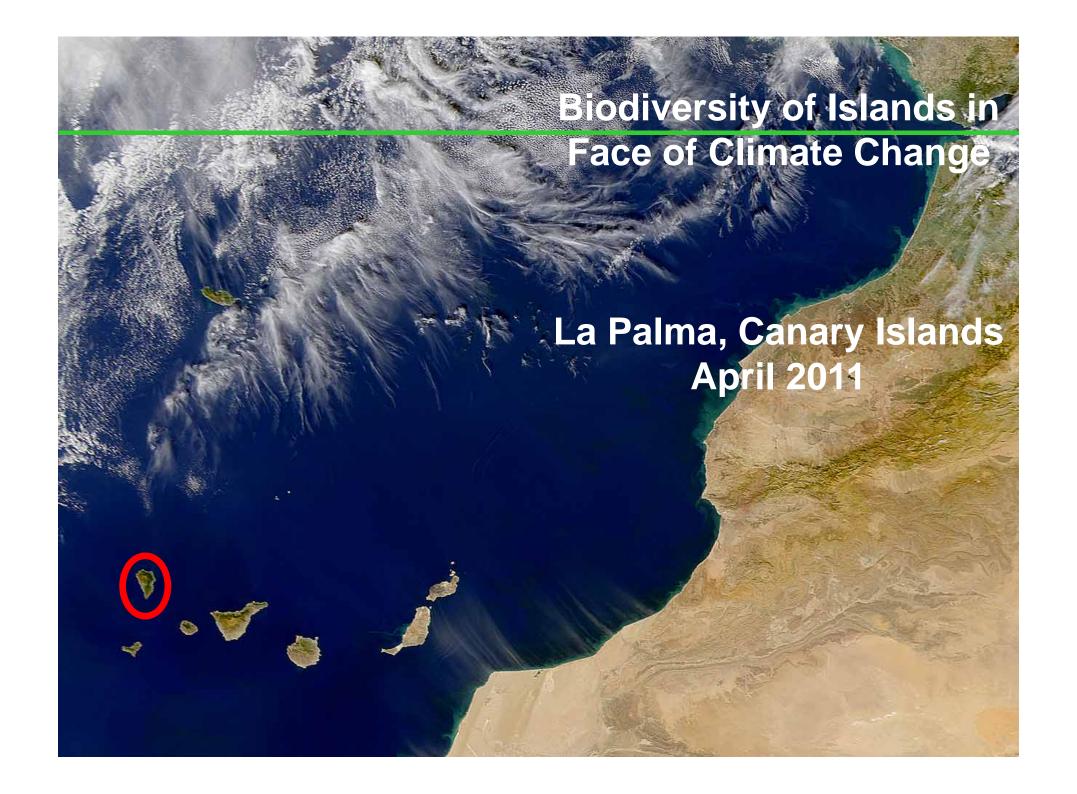
La Palma, Canary Islands April 2011

Prof. Dr. Carl Beierkuhnlein, Universität Bayreuth

Prof. Dr. Anke Jentsch, Universität Bayreuth

Prof. Dr. José-Maria Fernández-Palacios, Universidad La Laguna



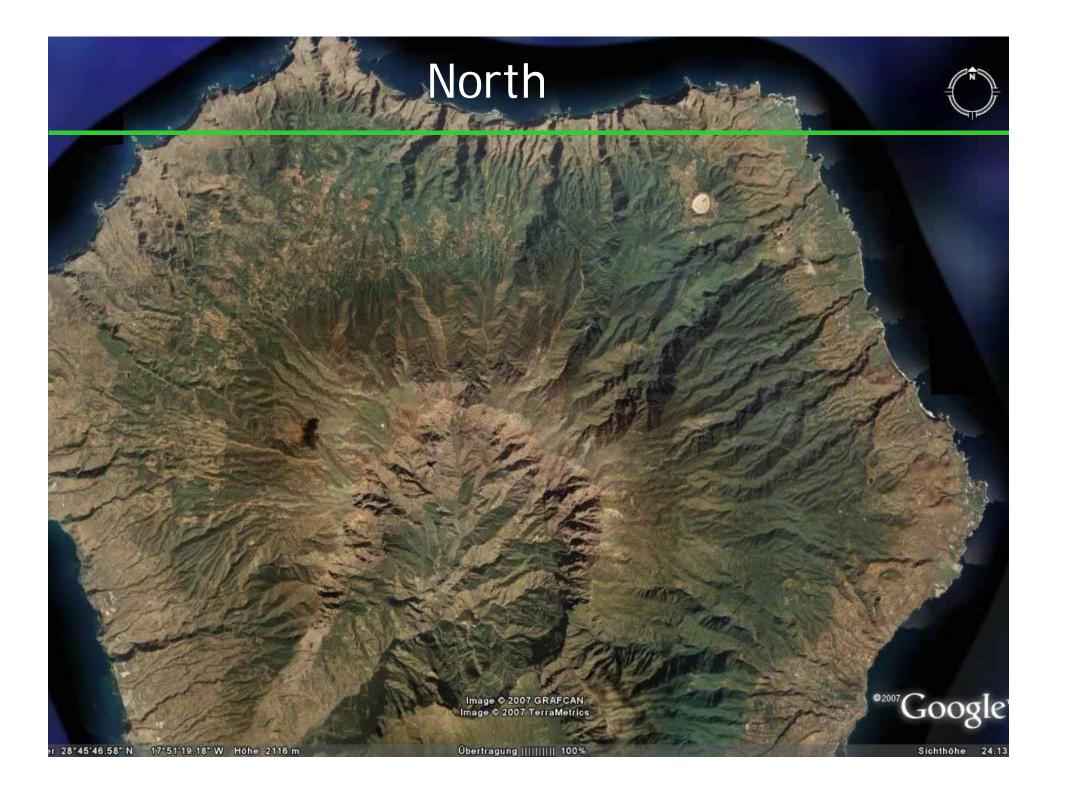


### La Palma

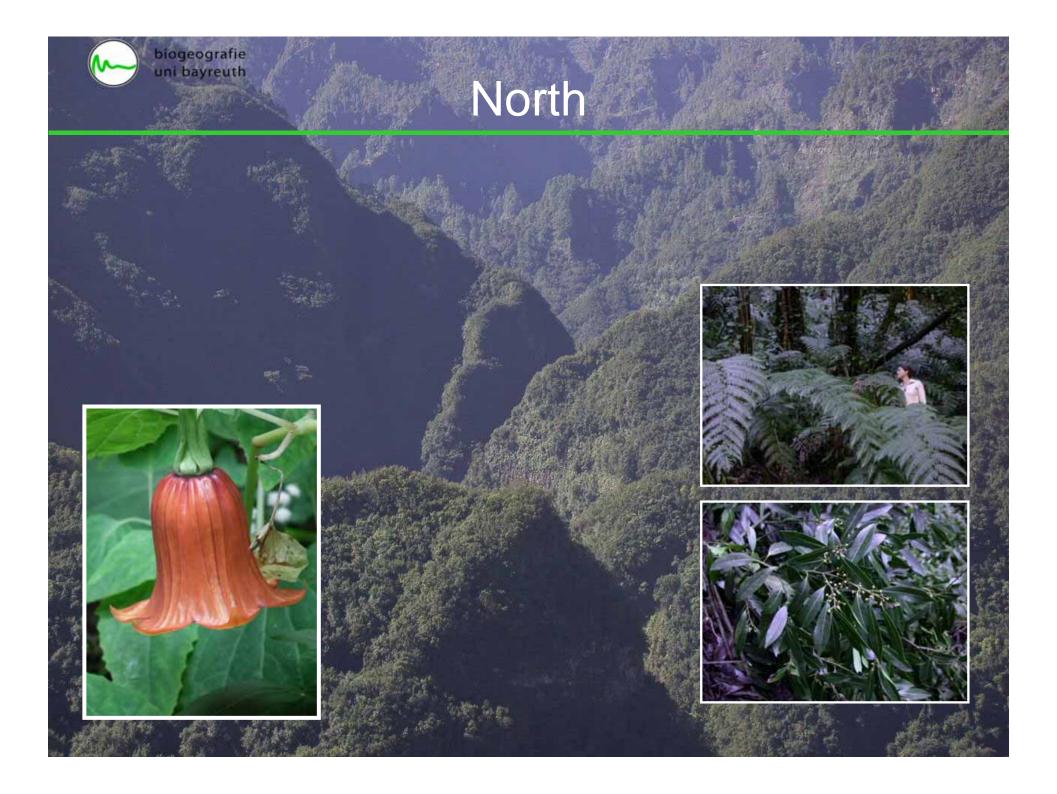




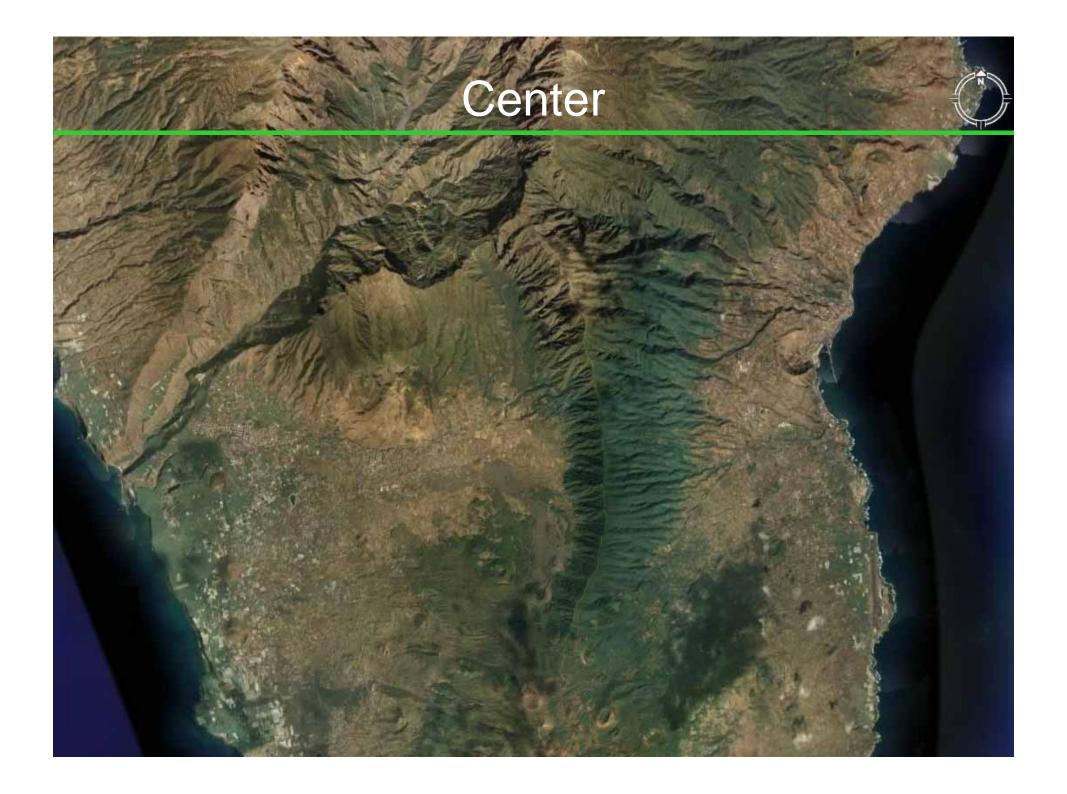


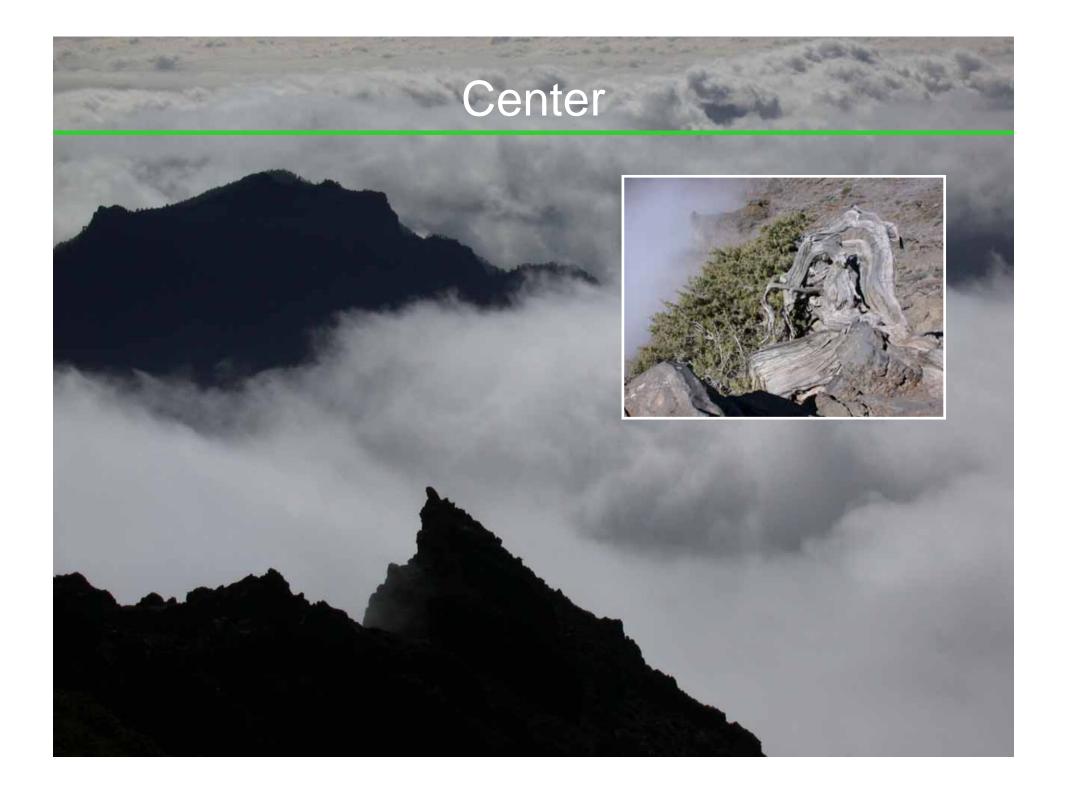


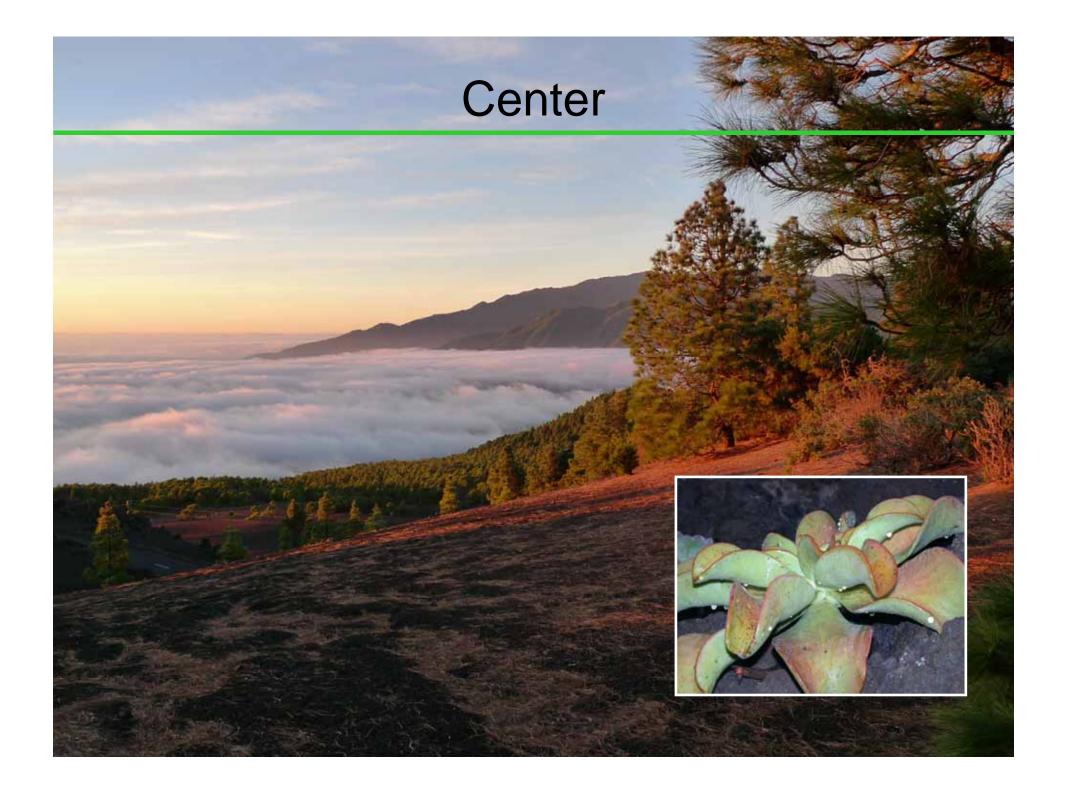
# North









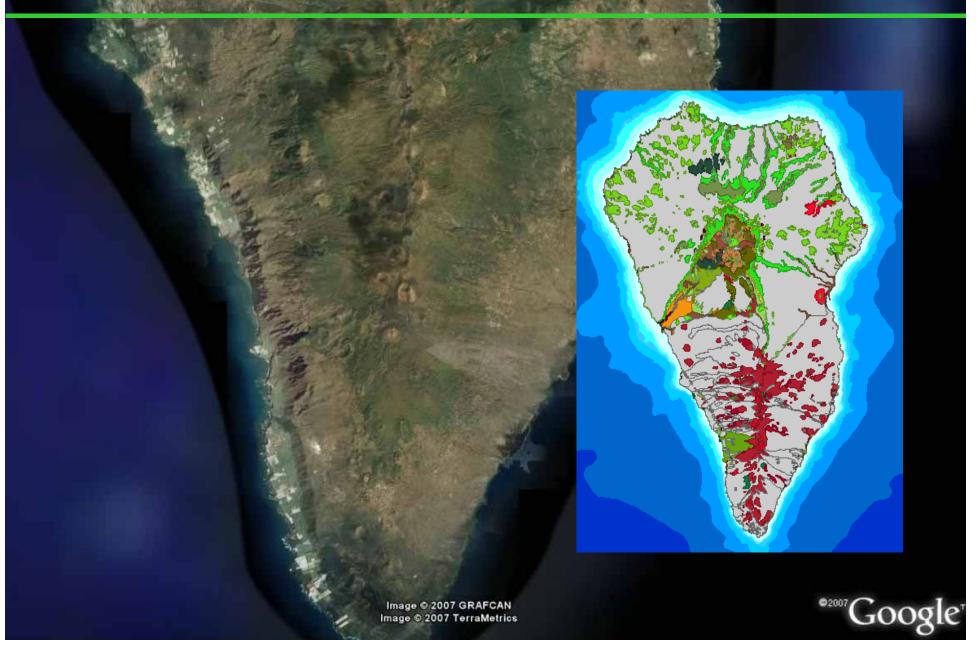


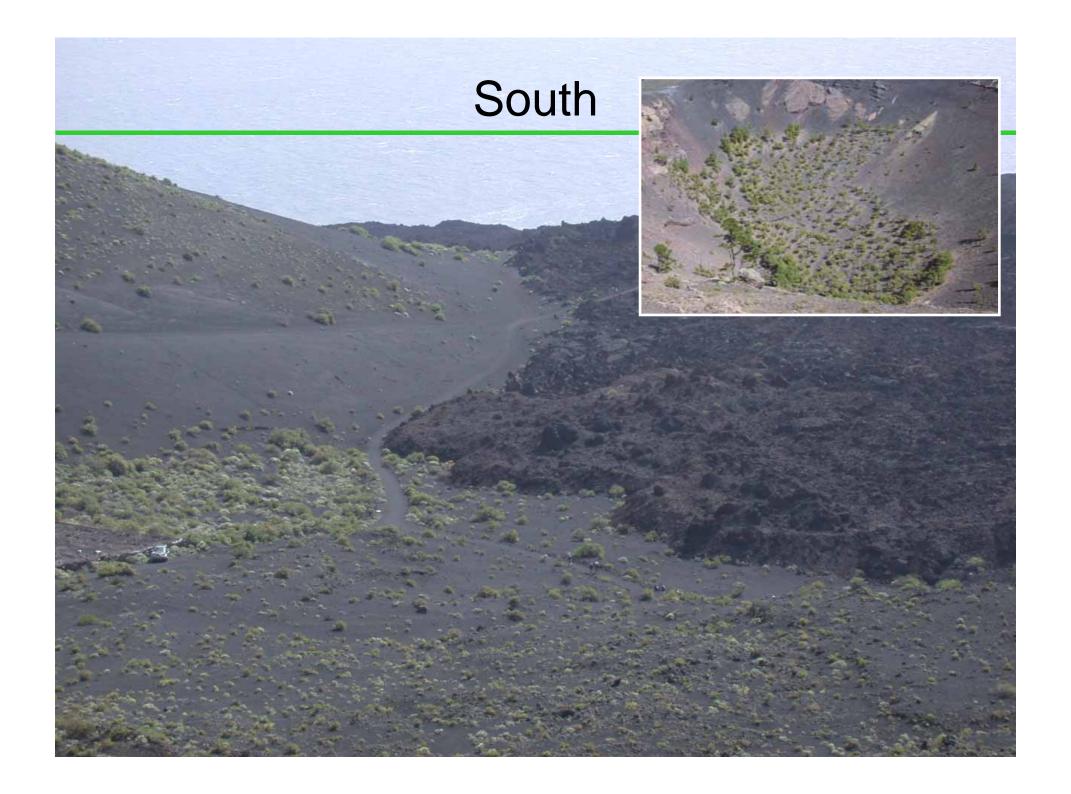
## Center

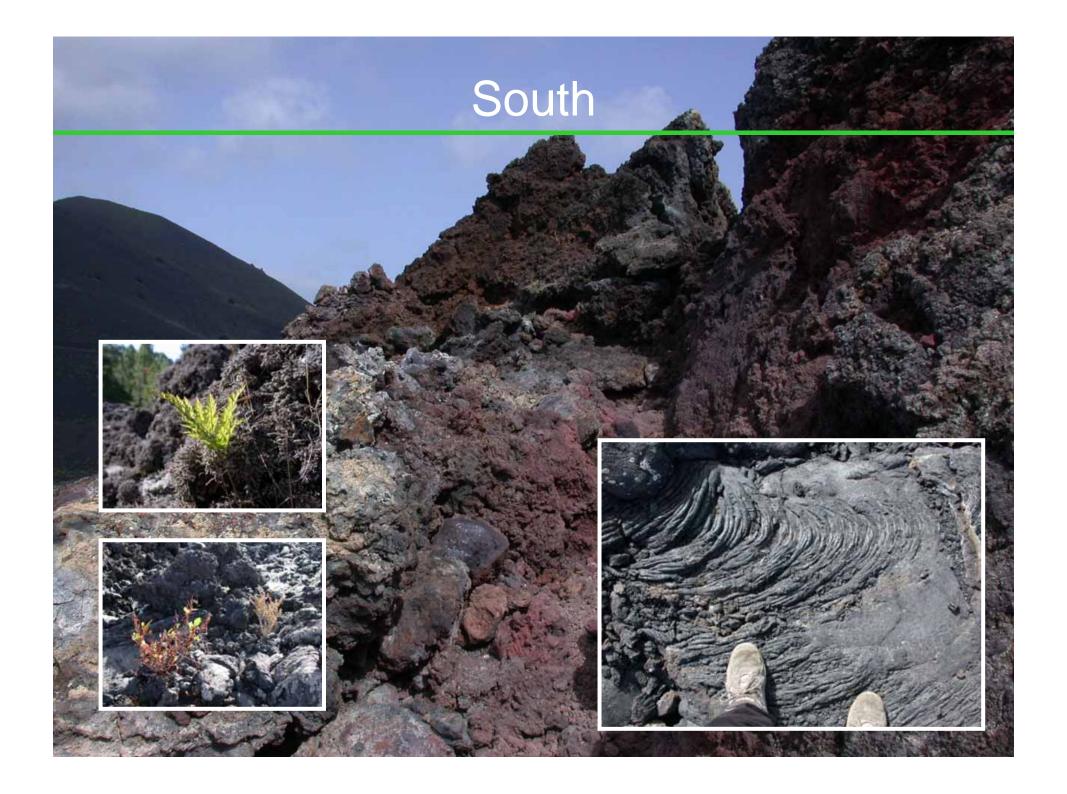


## South



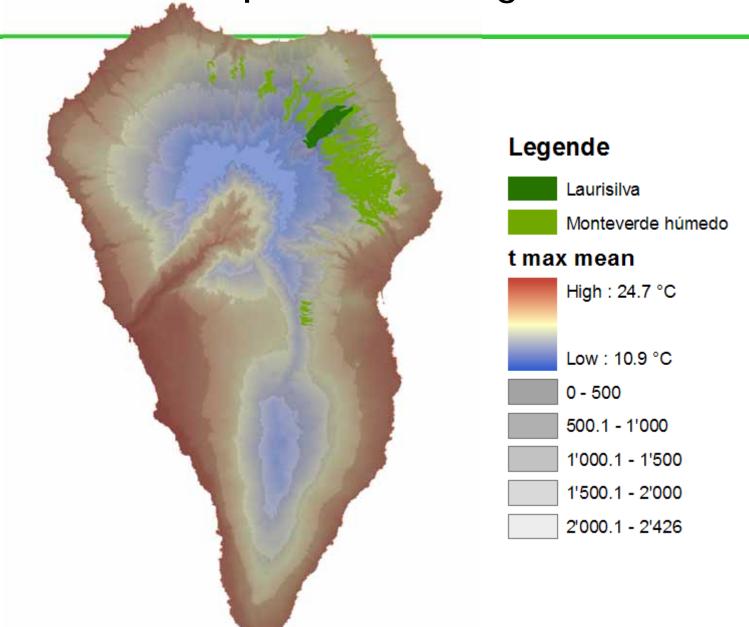






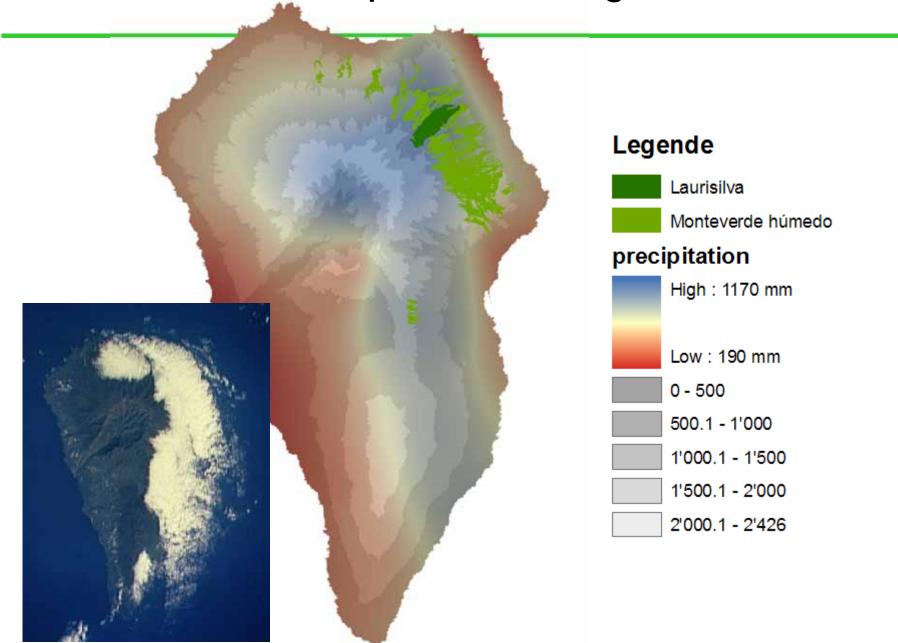


### Temperature Regime





## Precipitation Regime





5 ECTS for preparation and field work (1 credit for the generation of hypotheses and methodological concept; 4 credits for the stay in La Palma and data recording).

5 ECTS for subsequent data analyses (3 credits) and preparation of manuscript as a final report (2 credits).

A successful participation in both parts is obligatory to achieve any ECTS.

### Structure

Phase 1: Choose topics, Form groups, Clarify hypotheses,

(Bayreuth) Decide on Methods, Prepare Logistics, Distribute tasks,

Develop concepts, Read literature (30 hrs)

Phase 2: Excursion (1.5 days)

(La Palma) Discuss research approaches (0.5 day)

Implement field work, Gain data (10 days)

Final Excursion (1 day)

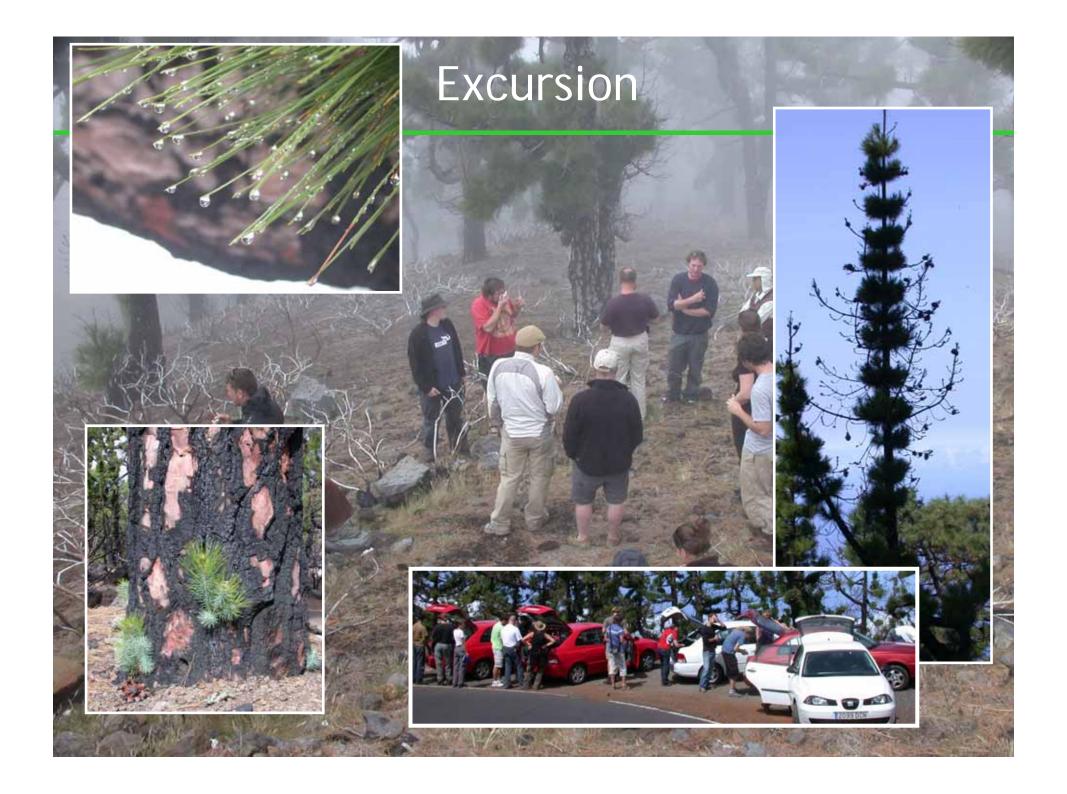
Phase 3: Analysis of Data (60 hrs), Preparing figures and tables,

(Bayreuth) Presentation of results (30 hrs)

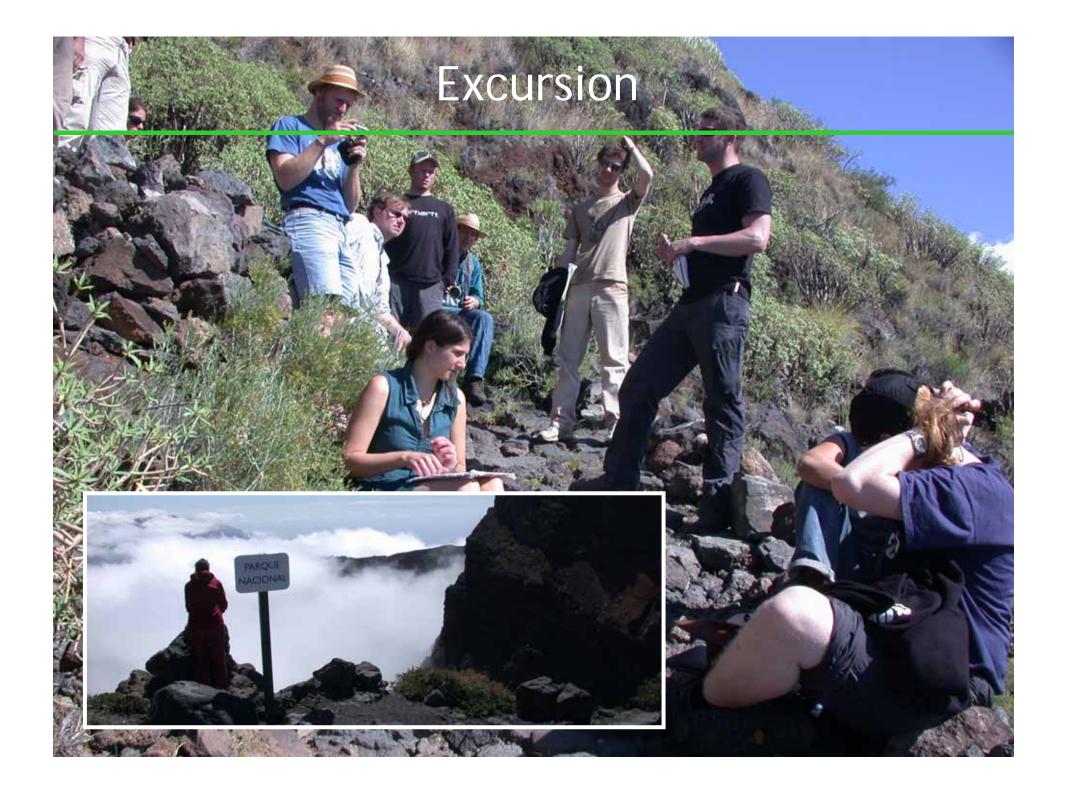
Phase 4: Preparing a manuscript for an international journal

(Bayreuth) (60 hrs)

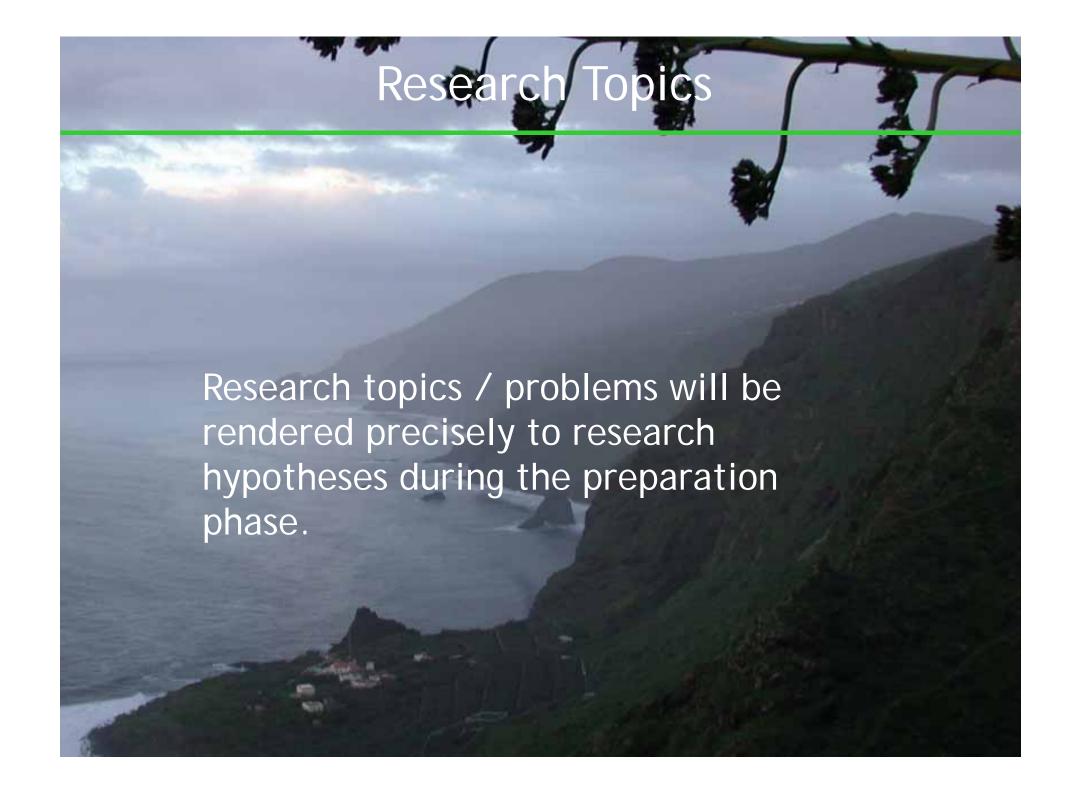


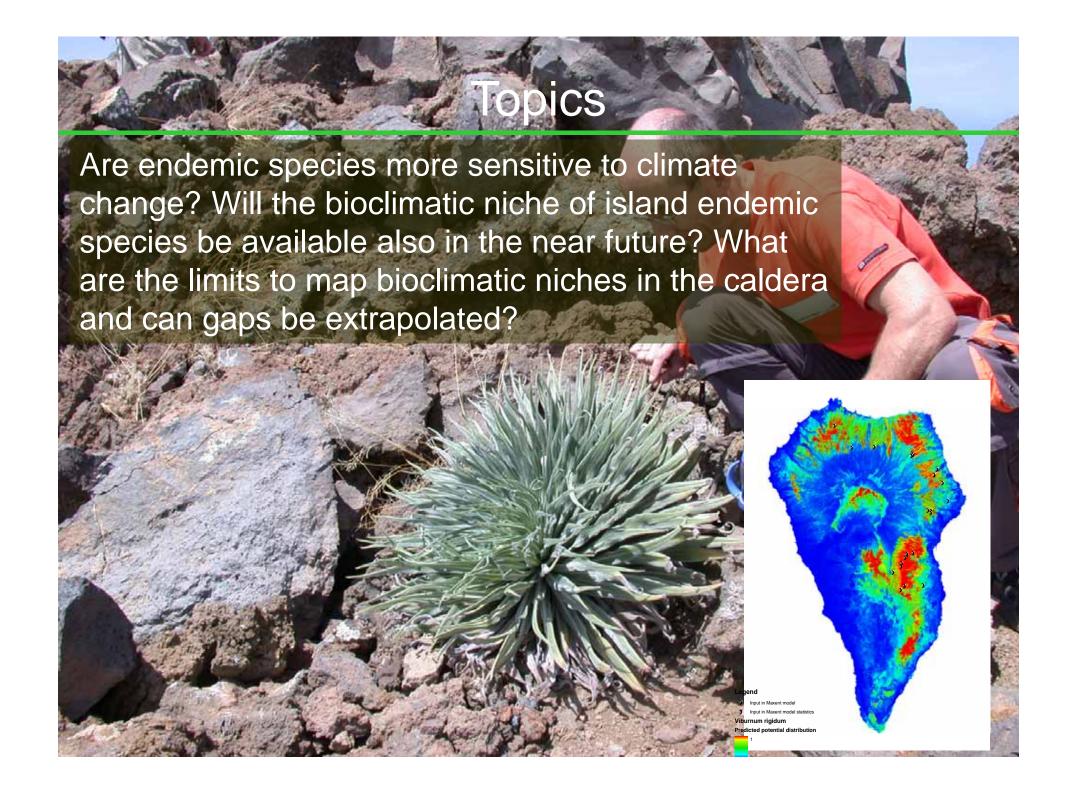


# Excursion



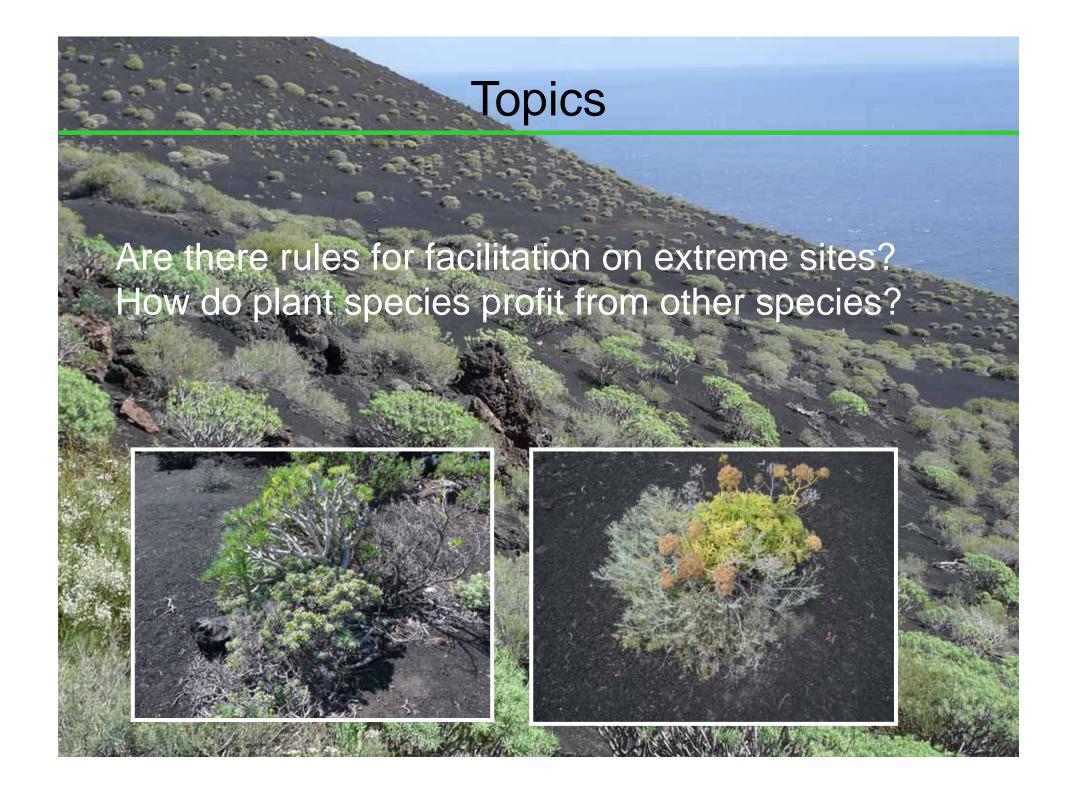






### Topics

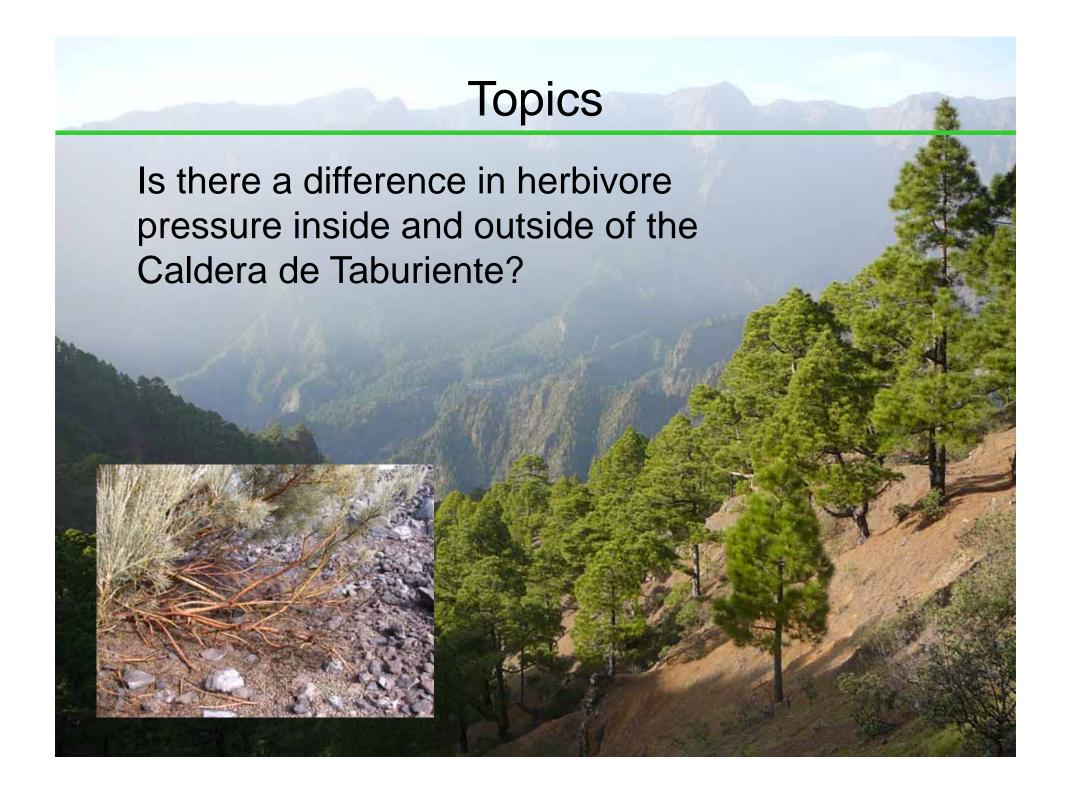


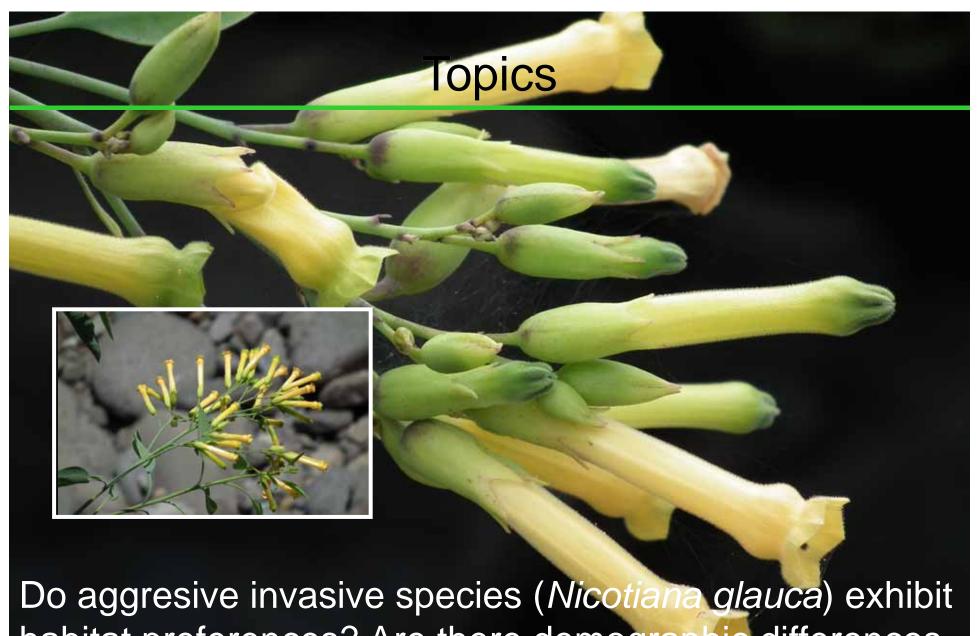




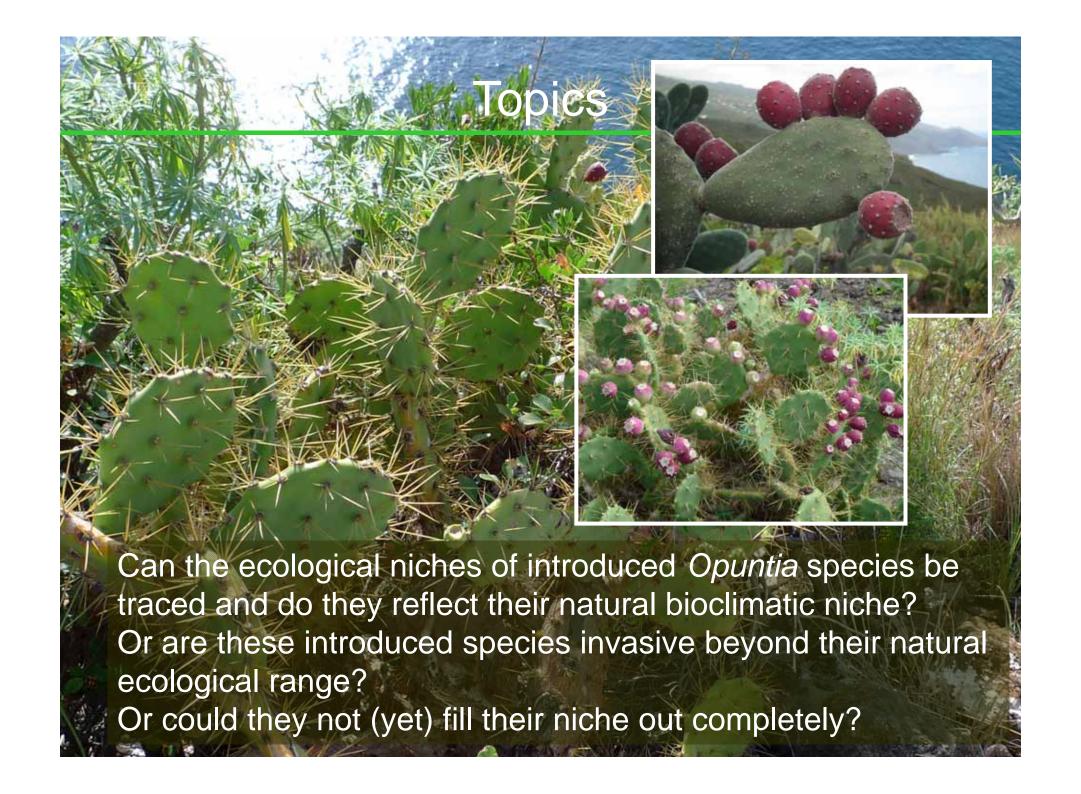
Does perennial species turnover in community composition respond to ecological / climatic gradients? Or are other influences (e.g. human impact, unoccupied niches) on species composition causing deviations from ecological gradients?

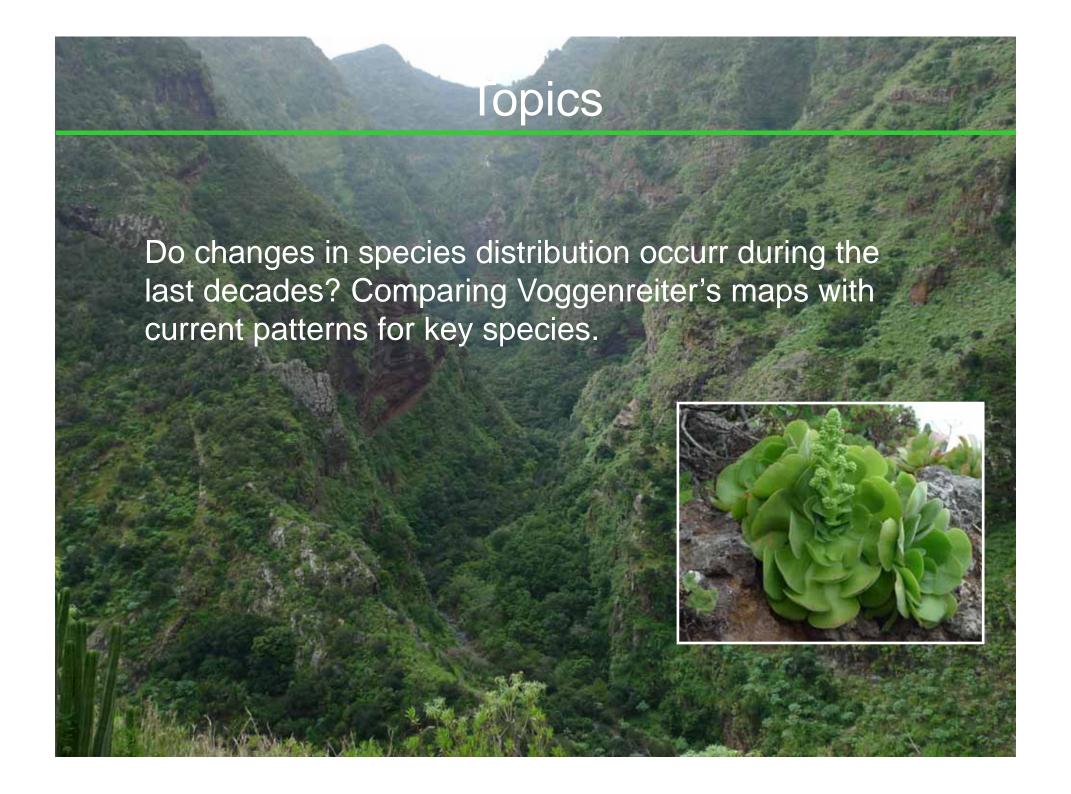






Do aggresive invasive species (*Nicotiana glauca*) exhibit habitat preferences? Are there demographic differences in *Nicotiana* populations reflecting the invasion process?









### **Publication Rules**

Publication of manuscripts will be decided and affected by the supervisors after the course. Successful publication is not a requirement for successful participation. The responsibility for publication remains in the hands of the supervisors. Depending on the involvement in this process, students may be included as co-authors in possible publications. Every contributing group member has a right for co-authorship. However, nobody will be forced to be co-author against his will.

Gathered data will be quality checked and selected by the supervisors after the end of this supervised course. Consequently data can not be published by the students independently.



