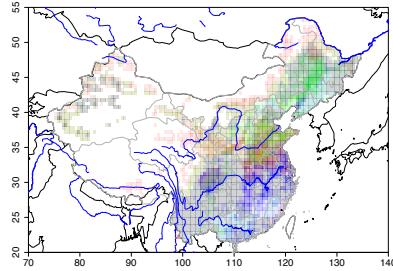


How irrigation affects water budget in China

C-2

New crop and irrigation module



ORCHIDEE
LAND SURFACE MODEL

Three irrigation schemes



No irrigation



By available water

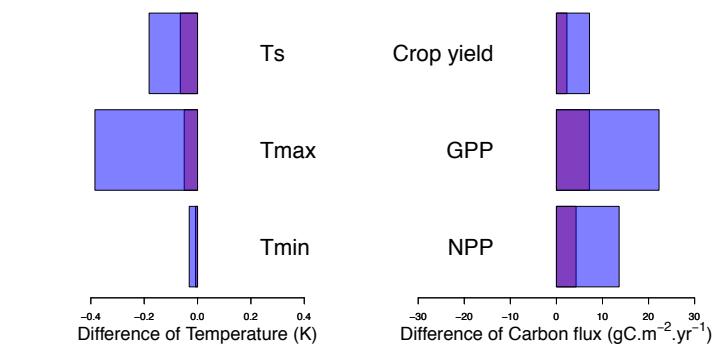
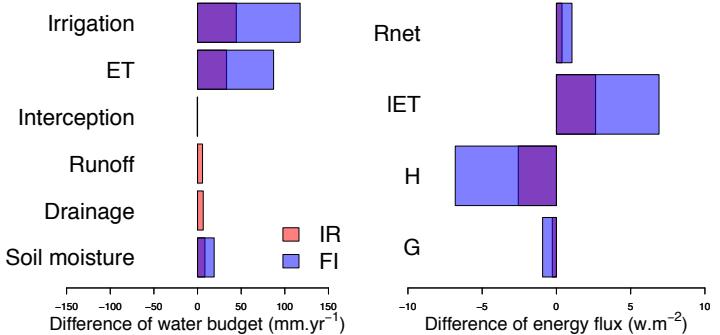


Unlimited water

Zun Yin LSCE-IPSL, France



Results & takeaway messages



- Irrigation is important.
- Impacts are non-linear.
- How to improve the module?