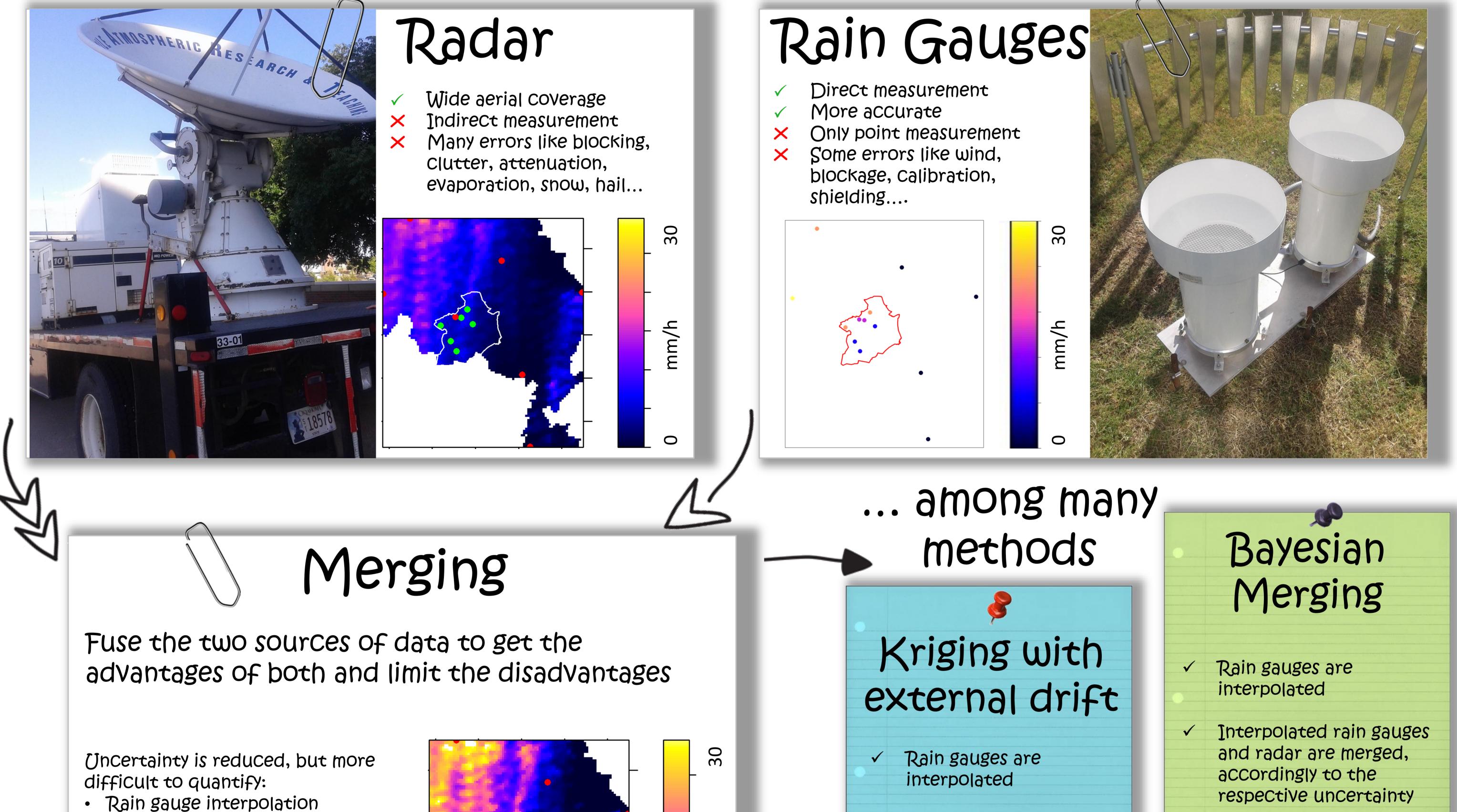


Francesca Cecinati*, Miguel A. Rico-Ramirez

University of Bristol, Department of Civil Engineering *francesca.cecinati@bristol.ac.uk

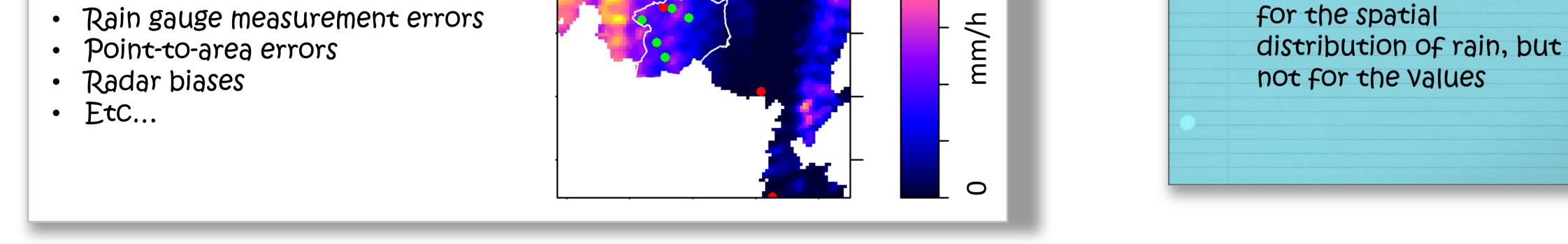
Uncertainty in rainfall data

- Many investment decisions for environmental improvement of river basins are based on models
 - Rainfall is the main input in water quality and hydrological models
- There is uncertainty in the rainfall data we have and it is important to quantify and reduce it



✓ The radar is used only

uncertainty

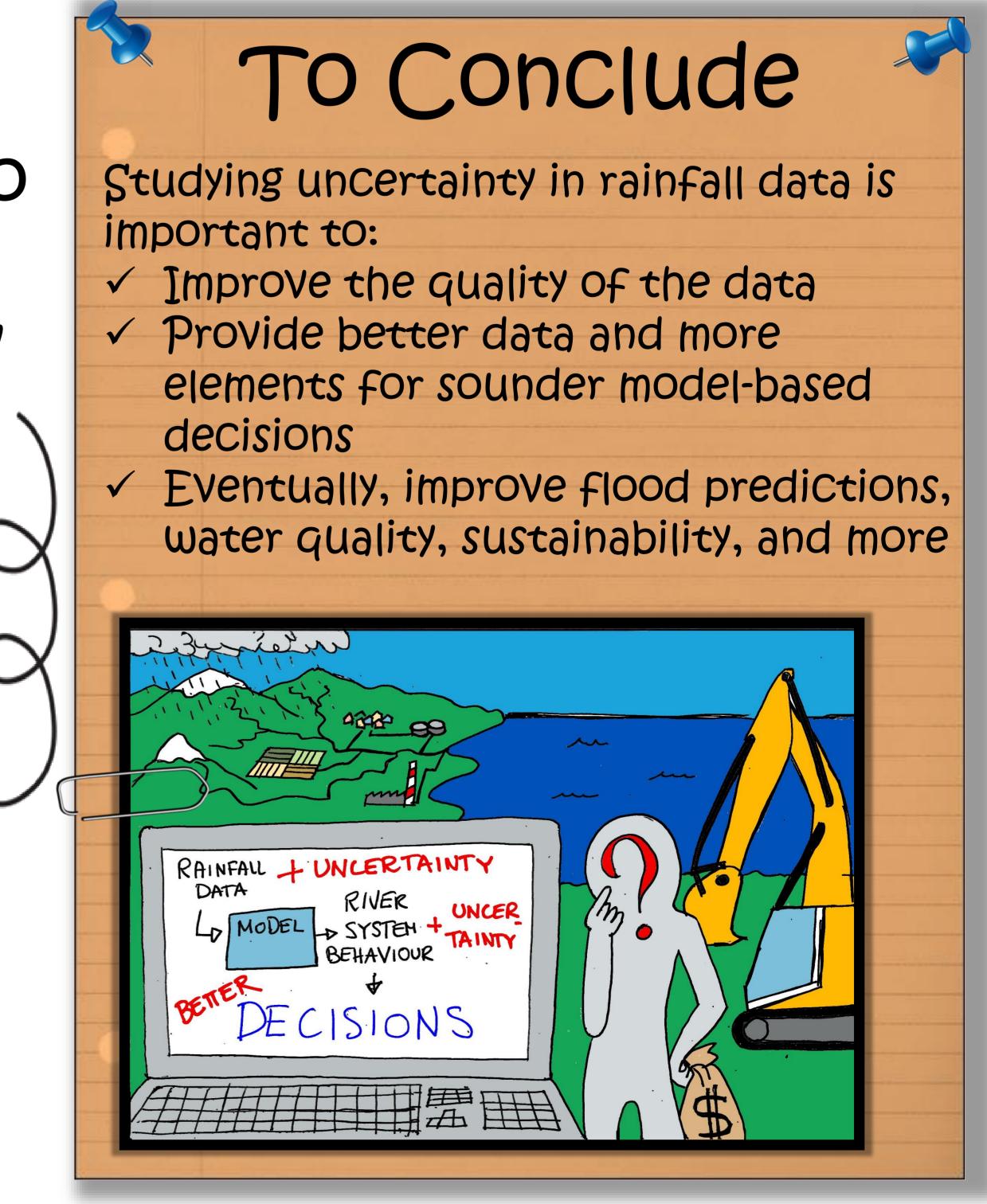


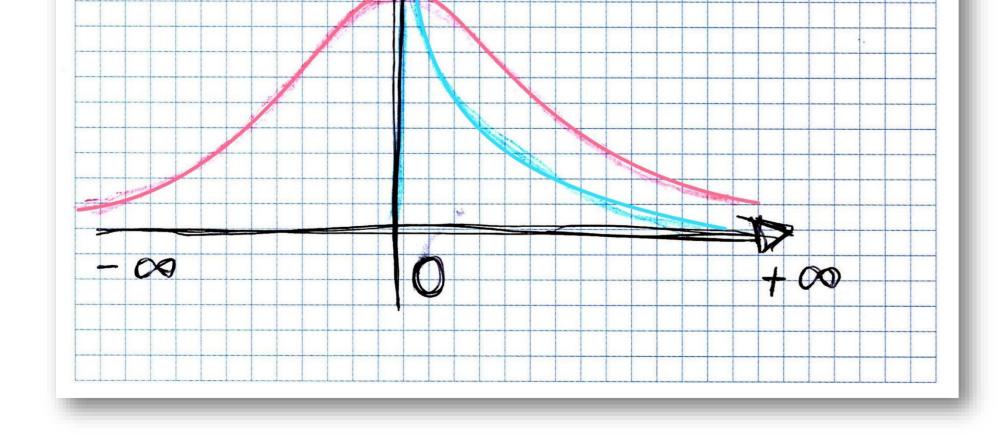
... they are methods based on Gaussianity assumption '

But rainfall does not have a Gaussian probability distribution

A Polf

Need to be corrected to reduce uncertainty Many methods:





anamorphoses Numerical anamorphoses Indicator kriging Singularity Analysis ...

· Analytical



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