

SONIA QUIROGA

Department of Statistics, Economic Structure and
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Sonia Quiroga

BACKGROUND:

Bachelor in Economics. Universidad Complutense de Madrid.
1998.

Ph.D. in Quantitative Economics (Economic Análisis and
Quantitative Economy Programme). Universidad
Complutense de Madrid. 2006.

Ph D thesis: “Decision Models and Empirical Relationships
between Climate and Agriculture Productivity”.

Sonia Quiroga

EXPERTISE:

- Assistant Professor of Econometrics at the Universidad de Alcalá in Spain.
- Research focused on the quantitative relations of climate and economy specially understanding the climate risk implications on agricultural systems. Methodological approaches include the econometric estimation of empirical relationships (STATA, E-Views), risk management tools, expected utility models, optimization and game theory.

SELECTED PUBLICATIONS:

- Cerdá, E. and Quiroga, S. (2009). "Economic value of weather forecasting: the role of risk aversion". Accepted in: TOP: An Official Journal of the Spanish Society of Statistics and Operations Research.
- Quiroga, S., Iglesias, A. (2009). "A comparison of the climate risks of cereal, citrus, grapevine and olive production in Spain". *Agricultural Systems*, 101, p. 91-100.
- Iglesias, A., Moneo, M. and Quiroga, S. (2009). "Methods for evaluating social vulnerability to drought". En: *Coping with drought risk in agriculture and water supply systems: Drought management and policy development in the Mediterranean*. Iglesias A, Cancelliere A, Cubillo F, Garrote L, Wilhite DA [eds], Springer, The Netherlands, p. 153-160.
- Quiroga, S., Iglesias, A. (2007). "Projections of economic impacts of climate change in agriculture in Europe". *Economía Agraria y Recursos Naturales*. Vol. 7, 14. p. 65-82.
- Iglesias, A. and Quiroga, S. (2007). "Measuring cereal production risk to climate variability across geographical areas". *Climate Research*, Vol. 34, p. 47-57.