

27 czerwca 2018 (środa) 12.00 - 13.00
14.00 - 17.00

28 czerwca 2018 (czwartek) 10.00 - 11.00

Spatial data and mapping

Now that we can read spatial data, how can we visualise it?

28 czerwca 2018 (czwartek) 11.00 - 13.00
14.00 - 17.00

29 czerwca 2018 (piątek) 10.00 - 12.00

ESDA and spatial autocorrelation

How can we explore the spatial structure of the data that we can now access?

29 czerwca 2018 (piątek) 12.00 - 13.00
14.00 - 17.00

Merging data from different sources

How may we integrate data from different sources? How may we aggregate data? Which data structures are helpful in handling data?



Roger Bivand has been a professor since 1996, after joining the Norwegian School of Economics in 1988 from previous academic positions in Bodø, Norway, and in Poznań, Poland.

He received his PhD degree in geography from the London School of Economics in 1975, after undergraduate study in Geography at the University of Cambridge. He holds a post-doctoral degree (dr habil.) in geography from Adam Mickiewicz University, Poznań, Poland (1982). He first visited the Norwegian School of Economics as a student

doing fieldwork in 1970, work which continued in his PhD thesis on regional economic development in Norway.

His current research interests are in developing and supporting the development of open source software for analysing spatial data, including spatial econometrics; his software (written with collaborators) has diffused to many organisations, including FAO (statistical yearbook production).

He has been active in the R community since 1997, and is now an auditor of the R Foundation. He is an editor of the *Journal of Statistical Software*, *the R Journal*, *Journal of Geographical Systems*, *Geographical Analysis* and *Norsk Geografisk Tidsskrift*. He is often invited to teach external PhD courses in applied spatial data analysis.