

19th Advanced Summer School in Regional Science
GIS and Spatial Econometrics
4-12 July 2006
Groningen, The Netherlands

Venues

The Summer School is held at the *Zernikecomplex* at the northern side of the city of Groningen.

The students stay in the *Martini hotel* and the lecturers in the *University Guesthouse*, both in the city centre of Groningen. The Martini hotel is within 10 minutes walking distance from the railway station; the University Guesthouse within 15 minutes.

Both students and lecturers can travel by bus 11 to the *Zernikecomplex*. The students should take the bus at 8:21, bus stop "Gedempte Zuiderdiep", and the lecturers at 8:24, bus stop "Grote Markt". The bus arrives at 8:43 (first stop at the *Zernikecomplex*). The bus leaves at 17:04 or 17:19. A one way trip costs 1 euro if you pay the bus driver (no change!).

The evening sessions are held at "Café Wolthoorn", which is within walking distance from the hotels.

Addresses

Martini Hotel, Gedempte Zuiderdiep 8, Groningen

University Guesthouse, Kleine Kromme Elleboog 7b, Groningen

Zernikecomplex, Landleven 1 and 5, Groningen

Café Wolthoorn, Turftorenstraat 6, Groningen

Gulzige Kater, Gedempte Kattendiep 33, Groningen

Academy Building, Broerstraat 5, Groningen

Instructions for students

All items on the programme are mandatory. Please, wear your batch (you do not have to pay your consumptions during the breaks if the canteen personnel knows that you are a participant of the summer school).

Evening sessions

In the evening sessions each student must present its own research problem related to GIS or spatial econometrics. You should not give a paper presentation, but a description of the methodological problems you face in your research and want to present to and to discuss with the lecturers and instructors. Each student gets 20 minutes:

10 minutes for presenting the problem (a computer and a beamer is available) and

10 minutes for discussion and suggestions to solve the problem.

A schedule of the presentations is incorporated in the programme.

Literature

You are strongly recommended to study the following literature in advance:

GIS:

<http://libinfo.uark.edu/gis/tutorial.asp>,

http://sal.ocean.washington.edu/tutorials/arcgis/arcgis_index.html

GEODA:

Anselin, L. (2005) Spatial econometrics, pp. 1-75. Mills-Patterson Palgrave Handbook of Econometrics. Temporarily, downloadable from www.regroningen.nl (onderwijs, spatial econometrics).

Geoda Workbook. <http://www.csiss.org/clearinghouse/GeoDa/>

The first complete version of the GeoDa™ workbook is now available for free download. It contains 244 pages with 25 chapters of step by step guidelines and exercises to learn all the features of GeoDa, including spatial regression analysis.

Matlab:

LeSage, J. (1999) The Theory and Practice of Spatial Econometrics, Chapter 1-3:

Downloadable from www.spatial-econometrics.com (Documentation, separate manual for spatial econometrics function library).

Baltagi, B.H. (2001) Econometrics Analysis of Panel Data, Chapter 2 (The One-way Error Component Regression Model). John Wiley & Sons, LTD.

Elhorst, J.P. (2003) Specification and Estimation of Spatial Panel Data Models: *International Regional Science Review* 26: 244-268. Temporarily, downloadable from www.regrooningen.nl (onderwijs, spatial econometrics).

Instructions for lecturers

All lecturers should attend the evening sessions to discuss the student's research problems. **Please, wear your batch (you do not have to pay your consumptions during the breaks if the canteen personnel knows that you are a lecturer of the summer school).**

Reimbursement of travel cost

Each participant will get a reimbursement of the travelcost for 100% till the maximum confirmed by e-mail. Please fill in the attached Declaration Form already at home as far as possible and bring also copies of the tickets, bills etc. with you. This saves time on administrative work during the SummerSchool in Groningen. Make sure you provide all the required information about your bankaccount. If this is incomplete or not correct this may lead to considerable delays in transferring the money to you.

Travel info

For most participants the trip to Groningen goes via Schiphol/Amsterdam Airport which is served by many airlines from many countries (see www.schiphol.nl). The city of Groningen is easy to reach by train. From Schiphol/Amsterdam Airport a train to Groningen leaves two times per hour. One goes directly to Groningen, for the other you have to take the train into the direction Amersfoort/Enschede first and then switch trains in Amersfoort to Groningen (just walk across the platform). The journey takes about two-and-a-half hours. A one way ticket will cost € 27,60 (second class) and € 45,00 (first-class). Detailed information about the train can be found on www.ns.nl. The students stay in the *Martini hotel* and the lecturers in the *University Guesthouse*, both in the city centre of Groningen. From the railway station in Groningen you can walk or take a taxi (€ 5 – 10) to the hotel. The Martini hotel is within 10 minutes walking distance from the railway station; the University Guesthouse within 15 minutes.

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Programme

Monday, July 3

18:00-22:00 Registration, welcome reception and buffet (start at 18:30) at the "Gulzige Kater", Gedempte Kattendiep 33, Groningen: This bar is within walking distance from the hotels (see map).

Tuesday, July 4

Room WSN 40 (Landleven 5)

9:00- 9:05 Welcome address, Jan Oosterhaven, Chair Local Organizing Committee

9:05-11:00 GIS overview & instruction, Steve Sheppard

Room RC0033 (Landleven 1)

11:00-11:15 Break, Canteen

11:15-12:30 Training with ArcGis, Dirk Stelder

12:30-13:30 Lunch, Canteen

Room WSN 40 (Landleven 5)

13:30-14:30 GIS overview & instruction, Steve Sheppard

Room RC0033 (Landleven 1)

14:30-14:45 Break, Canteen

14:45-17:00 Training with ArcGis, Dirk Stelder

Café Wolthoorn, Discussion of research problems

19:30-19:50 Andrea Caragliu

19:50-20:10 Kurt Niquidet

20:10-20:30 Vojtech Eksler

21:00 Possibility to watch world cup football, semi final, at the café.

Wednesday, July 5

Room WSN 40 (Landleven 5)

9:00-11:00 GIS overview & instruction, Steve Sheppard

Room RC0033 (Landleven 1)

11:00-11:15 Break, Canteen

11:15-12:30 Training with ArcGis, Dirk Stelder

12:30-13:30 Lunch, Canteen

Room WSN 40 (Landleven 5)

13:30-14:30 GIS overview & instruction, Steve Sheppard

Room RC0033 (Landleven 1)

14:30-14:45 Break, Canteen

14:45-17:00 Training with ArcGis, Dirk Stelder

Café Wolthoorn, Discussion of research problems

19:30-19:50 Julien Chambrillon

19:50-20:10 Panagiotis Stratakis

20:10-20:30 James Sully

21:00 Possibility to watch world cup football, semi final, at the café.

Thursday, July 6

Room WSN 40 (Landleven 5)

9:00-11:00 Eurostat Data Issues & Career Advancement, Paul Cheshire

Room RC0033 (Landleven 1)

11:00-11:15 Break, Canteen

11:15-12:30 Training with ArcGis, Dirk Stelder

12:30-13:15 Lunch, Canteen

13:15-22:00 Technical Excursion “Dealing with regional decline”

Bus leaves at 13:15 from the Zernikecomplex

13:15-14:00 Trip to Scheemda

14:00–15:30 Guided tour "Water Town", Paul van Steen

15:30-16:00 Trip to Delfzijl

16:00-18:00 Guided tour "Groningen Seaports", Joop Boertjens

18:00-18:30 Trip to Termunten

18:30-21:00 Dinner

21:00-22:00 Trip back to Groningen

Friday, July 7

Room WSN 40 (Landleven 5)

9:00-11:00 Spatial analysis, EDA/ESDA, Luc Anselin

Room RC0033 (Landleven 1)

11:00-11:15 Break, Canteen

11:15-12:30 Training with Geoda, Nancy Lozano and Julia Koschinsky

12:30-13:30 Lunch, Canteen

Room WSN 40 (Landleven 5)

13:30-14:30 Spatial weights, Luc Anselin

Room RC0033 (Landleven 1)

14:30-14:45 Break, Canteen

14:45-17:00 Training with Geoda, Nancy Lozano and Julia Koschinsky

Café Wolthoorn, Discussion of research problems

20:00-20:20 Mercedes Rodriguez

20:20-20:40 Simon Georg Fauser

20:40-21:00 Rosa Sanchis-Guarner

21:00-21:20 Roberto Patuelli

21:20-21:40 Micheal Wedow

21:40-22:00 Carlo Menon

Saturday, July 8

Room RC0033 (Landleven 5)

9:00-11:00 Spatial autocorrelation, global, local, Luc Anselin

11:00-11:15 Break, Canteen

11:15-12:30 Training with Geoda, Nancy Lozano and Julia Koschinsky

12:30-13:30 Lunch, Canteen

13:30-14:30 Intro spatial regression, Luc Anselin

11:00-11:15 Break, Canteen

14:45-17:00 Training with Geoda, Nancy Lozano and Julia Koschinsky

Café Wolthoorn, Discussion of research problems

19:30-19:50 Jenifer Ruiz-Valenzuela

19:50-20:10 Rodrigo Alegria

20:10-20:30 Camelia Romocea-Turcu

21:00 World cup, third place

Sunday, July 9 Wadden Island Excursion

8:30 Bus leaves at the Martini Hotel

Lecturers in the Guesthouse are requested to walk to the Martini hotel

9:30 Boat trip from Lauwersoog to the island Schiermonnikoog

10:30 Bike rental station

10:30-13:45 Free program

13:45 Return of bike at the rental station

14:00 Boat trip to Engelmansplaat (lunch on board), a discovery of the movement of tides. It is important that everybody is strict on time. If you go off the boat, shoes and trousers may become wet, so take dry or swimming clothes with you.

18:00-19:00 Bus trip back to Groningen

19:00 onwards, free program

20:00 World cup final

Monday, July 10

Room WSN 31 (Landleven 5)

9:00-11:00 The Theory and Practice of spatial Econometrics
(Ch. 1-3, manual LeSage), Henk Folmer

Room RC0033 (Landleven 1)

11:00-11:15 Break, Canteen

11:15-12:30 Training with Matlab, Paul Elhorst

12:30-13:30 Lunch, Canteen

Room WSN 31 (Landleven 5)

13:30-14:30 Introduction to panel data (fixed effects model, Baltagi, ch.2.),
Henk Folmer

Room RC0033 (Landleven 1)

14:30-14:45 Break, Canteen

14:45-17:00 Training with Matlab, Paul Elhorst

Café Wolthoorn, Discussion of research problems

20:00-20:20 Diona Lambiri

20:20-20:40 Özlem Önder

20:40-21:00 Auke Hunneman

21:00-21:20 Sandy Freret

21:20-21:40 Vasileios Tselios

21:40-22:00 Su-Yin Tan

Tuesday, July 11

Room WSN 40 (Landleven 5)

9:00-11:00 Spatial panel data models, Henk Folmer

Room RC0033 (Landleven 1)

11:00-11:15 Break, Canteen

11:15-12:30 Training with Matlab, Paul Elhorst

12:30-13:30 Lunch, Canteen

Room WSN 40 (Landleven 5)

13:30-14:30 Career advancement, Jouke van Dijk

Room RC0033 (Landleven 1)

14:30-14:45 Break, Canteen

14:45-15:05 Mahmut Erdogan

15:05-15:25 Bastiaan de Goei

15:25-15:45 Erika Uberti

15:45-17:00 Open lab session, Paul Elhorst

Café Wolthoorn, Discussion of research problems

20:00-20:20 Frank Neffke

20:20-20:40 Nicolas Debarsy

20:40-21:00 Maria Francesca Cracolici

21:00-21:20 Jacob Jordaan

21:20-21:40 Sandra Vinciguerra

21:40-22:00 Inge Noback

Wednesday, July 12

Room RC0033 (Landleven 1)

9:00-11:00 Training with Matlab, Paul Elhorst

11:00-11:15 Break, Canteen

Room WSN 40 (Landleven 5)

11:15-12:30 What can we learn about theory, part I, Henry Overman

12:30-13:30 Lunch, Canteen (Landleven 1)

13:30-14:30 What can we learn about theory, part I, Henry Overman

14:30-14:45 Break (Landleven 1)

14:45-17:00 Forum between students and lecturers

Jan Oosterhaven (chair)

Henry Overman

Gunther Maier

Henk Folmer

Paul Elhorst

18:30 Aperitif Graduation Dinner, Academy Building University of Groningen,
Broerstraat 5, Groningen (see map)

19:00 Graduation Dinner

PARTICIPANTS

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Panagiotis Stratakis		
Roberto Patuelli		http://www.lse.ac.uk/collections/geographyAndEnvironment/whosWho/researchStudents.htm
Rodrigo Alegria		
Rosa Sanchis-Guarner Herrero	none	
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