

**,TRIANET' - GIS and Electronic Communication
Networks as Instruments for Environmental
Education**

Island of Naxos (Kyklades), Greece

June 11th to 18th, 2000

*This International Course is part of a COMENIUS-
Program of the European Union.*

GENERAL INFORMATION

**Conference Office
From June 9th**

Hotel Adriani
Adriani Kritikou
Chora Naxos, 10 minutes from the harbour
Tel. ++30-285-23079 / ++30-285-24528
Fax. ++30-285-24183

The Hotel Adriani in the town of Naxos is the daily starting-point for our activities in different areas of the island. The computer exercises will take place in the technical college IEK in the village of Filoti and the field work will be concentrated on model areas in the montaneous region (Tragea, T' Apera-thou) and at the south west coast of Naxos.

Correspondence before

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**Coordinators and
Moderators**

Coordinators: **Prof. Joannis N. Hatzopoulos**, Director of Remote Sensing Laboratory, University of the Aegean
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Klaus Windolph, Manager and President of the Naxos Academy and Proterra Project Cooperation, Secondary School Teacher Comprehensive School of Ronnenberg, Hannover
Moderators:
Dipl.-Geogr. Martina Rüttnick, Naxos Academy and Proterra Project Cooperation Hannover
Dr. Filippo Catani, University of Florence, Departement of Earth Science, Italy
Dr. Markus Nipkow, Proterra Project Cooperation Hannover, Germany
Dipl.-Geogr. Alexander Herzig, University of Kiel, Geographic Institute, Germany
Dipl.-Geogr. Corinna Mundzeck, TRIGA GmbH Hamburg and Proterra Project Cooperation Hannover, Germany

Official language	The official language of the course is English.
Weather and clothing	The weather on the Island of Naxos is usually warm and sunny, with some differences between coastal and mountainous regions. Mean air temperature in June is 23,2° Centigrade, as well as the temperature of the Mediterranean Sea. For outdoor activities and the field training please provide for mountain boots and suitable clothing. In June the nights may be fresh and sometimes there blows a cool wind at the day. So you need also a warm pullover and/or jacket.
Travel	Participants have to take care on their own for travel between home and Naxos Island. You find more details about travelling in the covering letter.
Accommodation	<p>Hotel Adriani Joanna, Michalis & Adriani Kritikou Chora Naxos, 10 minutes from the harbour GR-84300 NAXOS ISLAND TEL.: ++30 – 285 – 23079 TEL.: ++30 – 285 – 24528 FAX: ++30 – 285 – 24183</p> <p>The hotel offers a restricted number of single rooms. We are really pleased, if you agree with a double room. So you have better possibilities for communication. We will ask each arriving participant for consent to the room-partner. Please let us know about your decision, if you agree to take a double room. Use the registration form annexed. We've to charge you 1.200 GRD per night for a single room.</p> <p>If you inform the hotel or the organisation-team about the time of your arrival, the hotel-bus will take you from the harbour/airport to the hotel.</p>
Registration Fee	<p>1,000 ECU</p> <p>The registration fee covers the local accommodation from June 11-18 with breakfast and one or two meals per day, moreover all course papers and activities, including transfer between the hotel (Naxos Chora) and the course institutions in the mountain area and excursions on the island. The expenses also include course leading and scientific training by university teachers and scientific staff from Greece, Italy and Germany.</p>
Bank Account Details	<p>BfG Bank AG Account holder: Proterra, c/o Klaus Windolph Bank Code: 250 101 11 Account Number: 152 109 5000</p> <p>Please transfer 1,000 ECU to the above bank account till the end of April 2000!</p>

TEMPORARY PROGRAM

Sunday, June 11th, 2000

17:00	<p>All moderators: Welcome and Get Together Detailed Presentation of the Course Program</p> <p>All moderators: ,Who is Who? The Partners of ,TRIANET', the Naxos Academy, the Proterra Project Cooperation and the Participants of the Course</p>
21:00	Visit of a Greek Taverna in Naxos Chora

Monday, June 12th, 2000

10:00	Transfer to T'Aperathou
10:30	<p>Introduction to the EU-Project 'GIS and Electronic Communication Networks as Instruments for Environmental Education (TRIANET)'</p> <p>The Learning Field 'Nature-Culture-Society', The Concept of 'Nature-Culture-Society' in the Interactive Network Module TRIANET</p> <p>Markus Nipkow: Moderation and welcome Joannis Hatzopoulos: Objectives and aspects of intercultural education in the Socrates-Comenius-Program Klaus Windolph: Didactic principles of the learning field 'Nature-Culture-Society', the concept of 'Nature-Culture-Society' in the interactive network module TRIANET Corinna Mundzeck: Design and technique of the further education module TRIANET Martina R�uthnick: Structure and major topics of the TRIANET module Filippo Catani: Model regions Elba and Mallorca Alexander Herzig: Displaying 3D themes of the valley Perachorio near T'Aperathou</p> <p>Opening the Information Market</p>
13:30	Lunch in T'Aperathou
15:30	<p>All moderators: Introduction to the Island of Naxos: Bus Excursion to Outstanding Ecological Sites of the Island</p>
20:00	Evening Meal in a Mountain Village

Tuesday, June 13th, 2000

9:00	Transfer to the IEK, Filoti
9:30	Computer Exercise I: Corinna Mundzeck and all moderators: a) Training with the TRIANET module b) Environmental Information from the Internet, Using Search Engines Joannis Hatzopoulos: Introduction in Basic Knowledge of Information Technology and Remote Sensing for the Use in Schools
13:00	Lunch in Chalki
15:00	Ecological Exercise I: Martina R�uthnick, Klaus Windolph: How to Collect Environmental Data: Field Methods in the Mountain Region of 'Tragea' near Monitsia (Rahi), Ecosystem Analysis: Relief, Geology, Soil, Vegetation, Climate
19:00	Transfer to Naxos Chora

Wednesday, June 14th, 2000

9:00	Transfer to the IEK, Filoti
9:30	Computer Exercise II: Corinna Mundzeck and all moderators: Introduction: What's GIS? Components and Functions of a Geographic Information System Using the GIS Software ArcExplorer, ArcView and Diercke GIS Filippo Catani: Training: Erosion Modeling for Planning Purposes on Elba island / Italy
13:00	Lunch in Aperathou
15:00	Ecological Exercise II: Martina R�uthnick, Klaus Windolph: Mountaneous Ecosystems and Problems of Soil Erosion and Overgrazing, Measures for the Conservation of Soil, Water and Vegetation in the Valley of 'Perachorio' near T'Aperathou
19:00	Transfer to Naxos Chora

Thursday, June 15th, 2000

9:00	Transfer to the the IEK, Filoti
9:30	Computer Exercise III: Alexander Herzig and all moderators: Application of Desktop GIS for Spatial Analysis, Working with Vector Maps: Case Study Aperathou – Soil, Geology, Biotops; Field Statistics, Data Base Queries
13:00	Lunch in Filoti

For Free Disposal

Friday, June 16th, 2000

9:00	Transfer to the IEK, Filoti
9:30	Computer Exercise IV: Alexander Herzig and all moderators: Further Knowledge about Desktop-GIS for Spatial Analysis, Working with Grid Maps in the Model Region of Perachorio/T'Aperathou: Digital Terrain Models, Slope Inclination, Solar Radiation Modeling, Hydrologic Modeling with Flow Networks of the Catchment Area
13:00	Lunch in T'Aperathou
15:00	Final Discussion and Evaluation: The Interactive Network Module TRIANET for Environmental Education, Prospects for an European Network of Schools
20:00	Evening Meal in the Village of T'Aperathou

Saturday, June 17th, 2000

10:00	Ecological Exercise III: Martina R�uthnick, Klaus Windolph: Complex of Dune and Lagoon Ecosystems at the South West Coast of Naxos, Landscape Damage and Possibilities of Landuse Planning, Pattern of Agricultural Land Survey in the Coastal Plain of 'Plaka' near the Village of Tripodes
14:00	Visit of a Greek Taverna in the Sea Bay of Mikri Vigla : Final Lunch, Relaxing and Farewell to the Participants of the Course
19:00	Transfer to Naxos Chora

Sunday, June 18th, 2000 Day of Departure