

1st International Conference on Tourism Development and Management, ICTDM

**International Conference on Tourism Development and Management
Kos Island, Greece
11-14 September 2009**

Welcome to the website of the International Conference on Tourism Development and Management. The Conference is to be held at the Kos Island, Greece from 11-14 September 2009.

- Tourism education in developing nations
- The role of the public sector in tourism education
- Tourism education and manpower development
- Tourism education and aspects of management
- Integration of environmental aspects in tourism education
- Tourism education for sustainable development
- Employment and tourism education relationships
- Cooperative tourism education partnerships
- Stakeholders' perspectives in tourism education
- Tourism education and community development
- Innovation in tourism education and training
- Integration of ethics in tourism education
- Challenges and constraints of tourism education

Dr. Dimitrios P. Stergiou, Lecturer
Hellenic Open University
School of Social Sciences

Falirou 54 Koukaki, Athens 11741, Greece
Office Tel: + 30 2610 369342
Mobile: +30 6942 050223
Email: dstergiou@eap.gr
Alternate: dstergiou@hotmail.com
Skype: dimitrios.stergiou
Webpage: https://www.researchgate.net/profile/Dimitrios_Stergiou

**"International Conference on Tourism Development and Management"
Kos Island, Greece
11-14 September 2009**

Organised by:
**Dr. Collins-Kreiner, Center for Tourism, Pilgrimage and Recreation Research &
Department of Geography and Environmental Studies University of Haifa, Israel.**
nogack@geo.haifa.ac.il

INVESTIGATION OF TOURISM CLIMATE INDEX (TCI) IN TURKEY

ALİ DENİZ
HÜSEYİN TOROS
BAHTİYAR EFE

*Istanbul Technical University, Faculty of Aeronautics and Astronautics, Department of Meteorological Engineering, Maslak 34469
Istanbul, Turkey*

Tourism has become the most important industry in the world. The climate is now very important for tourism. Tourism is responsive to climate and climate change. The tourism sector is very important for Turkey's economy. The goal of this study is to examine the relationship between climate and tourism and the impact of climate on tourism. For this purpose, tourism-climate index (TCI) which was widely used and developed by Mieczkowski (1985) has been calculated for the Aegean and the Mediterranean regions in Turkey. Data used in this study are daily maximum and minimum temperatures (°C), daily mean relative humidity (%), rainfall (mm), sunshine duration (hour), and wind speed (m/s). TCI values are calculated for 44 stations with a record length ranging from 32 to 42 years, during the period 1965-2006. Finally, relationships between tourism and climate are obtained for the study regions. This study will contribute to the tourism sector in connection with the climate and to increasing the number of tourism awareness in Turkey.