

**1st INTERNATIONAL CONFERENCE
ON THE ECOLOGICAL IMPORTANCE OF SOLAR SALTWORKS
(CEISSA-2006)**

**20 – 22 October 2006
Santorini, Greece
Conference Centre “P. Nomikos”**

PROGRAM OF THE CONFERENCE

Session 1 - OPENING - SOLAR SALTWORKS BIOLOGICAL MANAGEMENT	
Friday 20 October 2006 , morning	
<i>Chairmen: T.D. Lekkas, N.A. Korovessis</i>	
8:30 – 9:30	Registration
9:30 – 10:30	Opening of the conference
10:30 – 11:00	<i>Coffee break</i>
<i>Chairmen: J.S. Davis, J. Zhiling, V. Sedivy</i>	
11:00 – 11:20	Davis J.S. Biological and physical management information for commercial Solar Saltworks
11:20 – 11:40	Zeno C. The ecological importance of the Margherita Di Savoia Saltworks
11:40 – 12:00	Ortiz-Milan S.M. Project of recovery the biological conditions of the production system in Saltworks of Industria Salinera de Yucatan S.A. de C.V. (ISYSA) damaged by the hurricane Isidore in September of 2002
12:00 – 12:20	Zhiling.J, Guangyu Y. The promotion of salt quality through optimizing brine concentration. A new technique "Bidirectional brine concentration"
12:20 – 12:40	Shukal D., Rahman A.A. Sambhar Lake a Wetland - an assessment
12:40 – 13:00	Dardir A.A., Wali A.M.A. Extraction of salts from Lake Quaroun, Egypt: Environmental and economic impacts
13:00 – 13:20	Korovessis N.A., Lekkas T.D. Comparison of Solar Saltworks with saline coastal wetlands
13:30	<i>Lunch</i>

Session 2 - SOLAR SALTWORKS BIOLOGICAL PROCESS	
Friday 20 October 2006, afternoon	
<i>Chairmen: M.Giordano, C.D. Litchfield</i>	
17:00 – 17:20	Giordano M., Beardall J. Impact of environmental conditions on photosynthesis, growth and carbon allocation strategies of hypersaline species of <i>Dunaliella</i>
17:20 – 17:40	Litchfield C.D, Oren A., Irby A., Sikaroodi M, Gillevet P. Temporal and salinity impacts on the microbial diversity at the Eilat, Israel, Solar salt plant
17:40 – 18:00	Van Stappen G, Haiying Y, Xiaomei W., Bossier P, Sorgeloos P. Introduction of <i>Artemia</i> in coastal Solar Saltworks: economic opportunities and ecological challenges. The case of the Bohai Bay, PR China.
18:00 – 18:20	Evangelopoulos E., Spyrakos E., Karydis M., Koutsoumbas D. The biological system of Kalloni Salt Works (Lesvos Island, NE Aegean Sea, Hellas) : Variations of phytoplankton and macrobenthic invertebrate community structure along the salinity gradient in the low salinity ponds.
18:20 – 18:40	Kavakli Z., Tsirtsis G., Korovessis N., Karydis M. A comparative analysis of the ecological systems of two greek seasonal Solar Saltwork (Mesolonghi and Kalloni): Implications for salt productions
18:40 – 19:00	<i>Coffee break</i>
19:00 – 19:20	Amdouni R. The salt deposit that can be precipitated from free brines of Sfax saline (S.E. of Tunisia)
19:20 – 19:40	Wali A.M.A. Biom mineralization: A safer environmental and industrial biofilter application, EMISAL Co. Case, Egypt
19:40 – 20:00	Sundararaj T.D, Devi M. A., Shanmugasundaram C., Rahaman A. A. Dynamics of Solar Saltworks ecosystem in India
20:00 – 20:20	Schneider J., Herrmann A.G., Schledding T. Crystallization of evaporites in SaltWorks
Session 3 - SOLAR SALTWORKS ECOLOGY	
Saturday 21 October 2006, morning	
<i>Chairmen: T.L. Crisman, R. Mottershead, S.M. Ortiz-Milan</i>	
09:00 – 09:20	Mottershead R., Davidson P. The Yannarie Solar project: Design of a Solar Saltfield in Western Australia to safeguard the natural environment
09:20 – 09:40	Ortiz-Milan S.M. Contribution of Industria Salinera de Yucatan (ISYSA) to the protection of the environment in the reserve of the biosphere Rio Lagartos, Yucatan, Mexico.
09:40 – 10:00	Crisman T.L, Takavakoglou V, Alexadridis Th, Zalidis G. Rehabilitation of abandoned Saltworks to maximize conservation, ecotourism and water treatment potential
10:00 – 10:20	Afkhami M., Karimian A. A survey on Solar Saltworks potentials in Shadegan Wetland, South West of Iran

10:20 – 10:40	Arakadaki M. The Saltworks of Elounda (Crete). New perspectives for the rehabilitation of an abandoned coastal wetland
10:40 – 11:00	Quashie A., Opong D.K. Ghanaian Solar Saltworks: Promoting and protecting the Ecology
11:00 – 11:20	<i>Coffee break</i>
11:20 – 11:40	Hadjibiros K. If Schinias was a Saltwork ?
11:40 – 12:30	Davis J.S. Experiences with Solar Saltworks in the World
12:30 – 12:50	Sedivy V. Environmental balance of salt production speaks in favour of Solar Saltworks
12:50 – 13:10	Jhala D.S. Designing of a Saltworks friendly to environment
13:10 – 13:30	Sundaresan S., Ponnuchamy K., Rahaman A.A. Biological Management of Sambhar Lake Saltworks (Rajasthan- India)
13:30	<i>Lunch</i>
Session 4 - SOLAR SALTWORKS PRODUCTION PROCESS (1)	
Saturday 21 October 2006, afternoon	
<i>Chairmen: P. Vafiadakis, A.M.A Wali, V.Chandarana</i>	
17:00 – 17:20	Amdouni R. Behaviour of trace elements during the natural evaporation of sea water: case of Solar Saltworks of Sfax saline (S.E. of Tunisia)
17:20 – 17:40	Wali A.M.A., Galmed M.A., El-Sheltawy H.M. Environmental hazards of a non-organized "SAYHA" Solar Saltworks at El-Ratma, Egypt: A sedimentology and geochemical approach
17:40 – 18:00	Ponnuchamy K., Rahaman A.A., Ezzo Sosammo Sedimentology of Indian Solar Saltworks
18:00 – 18:30	<i>Coffee break</i>
18:30 – 18:50	Jhala D.S. Solar Salt production process
18:50 – 19:10	Moosvi S.J. Ecological importance of Solar Saltworks
19:10 – 19:30	Palanichamy V., Rahman A.A., Jabagurunathan C. Indian Solar Salt Works production processes and chemical composition of salt
19:30 – 19:50	Sovinc A. Secovlje salina nature park, Slovenia – new business model for preservation of wetlands at risk
19:50 – 20:10	Rahaman A.A. Plankton communities in hypersaline waters of Indian Solar Saltworks
21:00	<i>Conference dinner</i>

Session 5 - SOLAR SALTWORKS PRODUCTION PROCESS (2)	
Sunday 22 October 2006 , morning	
<i>Round Table</i>	
10:00 – 10:20	Hortas F.,Perez-Hurtado A., Neves R., Girard C. INTERREG IIIB SAL project “Salt of the Atlantic”: Revalorization of identity of the Atlantic salines. Recuperation and promotion of biological, economic and cultural potential of coastal wetlands
10:20 – 10:50	<i>Coffee break</i>
10:50 – 13:00	Round Table Discussion
POSTER SESSION	
	Hortas F.,Perez-Hurtado A., Neves R.,Girard C. INTERREG IIIB SAL project “Salt of the Atlantic”: Revalorization of identity of the Atlantic salines. Recuperation and promotion of biological, economic and cultural potential of coastal wetlands
	Hueso Kortekaas K., Carrasco Vayá.J.F. Traditional salt making areas in the Mediterranean: Poles for sound local development and nature conservation