

Preliminary program

	23 September, Sunday	24 September, Monday	25 September, Tuesday	26 September, Wednesday	27 September, Thursday
08:00 – 09:00		Registration	Field trip		
09:00 – 09:20		Opening			
09:20 – 10:00		Keynote speaker Tiziana Luisetti		Keynote speaker Markus Huettel	Keynote speaker Carl .L. Amos
10:00 – 10:20		Coffee break		Coffee break	Coffee break
		Session 1. Integrated management of coastal systems		Session 3. Physical and biological gradients in transitional waters	Session 5. Linking physical forcing and biological processes
10:20 – 10:40		G. Schernewski and S. Schönwald. A methodology to measure and promote sustainable development in coastal areas		D. Tagliapietra, M. Sigovini, E. Keppel and P. Magni. A unified view of benthic succession models for coastal lagoons	M. Golubkov. Eutrophication of the Neva Estuary: driving forces and future prognosis
10:40 – 11:00		V. N. de Jonge, R. Pinto and R. K. Turner. Bridging fundamental science, policy making and management in practice		Y. Gubelit, N. Berezina and N. Kovalchuk. Natural and Anthropogenic impact on coastal communities of the Neva estuary	A. Paldavičienė and A. Razinkovas-Baziukas. Accumulation of cyanobacterial toxins in shallow trophic lagoon
11:00 – 11:20		M. Bielecka and G. Różyński. Management conflicts in the Vistula Lagoon area		K. Sigala, A. Nicolaidou, N. Simboura, G. Kaisakis and S. Reizopoulou. Structural and feeding composition of benthic macrofauna communities within three different habitats of eastern Mediterranean coastal lagoons	P. Zemlys, Ch. Ferrarin and G. Umgiesser. Two layer flow through the Klaipeda Strait (Lithuania) and its importance for the lagoon ecosystem
11:20 – 11:40		M. Elliott, N. Cutts and A. Trono. A typology for hazards and risks as vectors of change and the implications for integrated coastal management		S. Alexanderov, O. Dmitrieva and A. Gusev. Effect of "critical salinity" on primary production and eutrophication of lagoon ecosystem (for example, Vistula Lagoon)	M. Ghezzi, F. De Pascalis, P. Zemlys, C. Marcos, A. Razinkovas-Baziukas, A. Pérez-Ruzafa and G. Umgiesser. Relationship between coastal lagoons-sea connectivity and hydro-morphological characteristics in three European lagoons
11:40 – 12:00		N. Stybel, L. Paglialonga, J. Hirschfeld and G. Schernewski. Socio-economic consequences of improved water quality in the Szczecin Lagoon, Baltic Sea		J. Koreivienė, R. Stepanauskas, R. Paškauskas, Z. R. Gasiūnaitė and A. Krevš. Plankton community response to the salinity stress in an estuarine mixing zone of Lithuania coast	A. Erturk, P. Zemlys and G. Umgiesser. Development of an ecological model for shallow estuarine lagoons
12:00 – 12:20		A. Zaiko, D. Daunys and A. Šiaulys. Aquatic invasive species and biotic indices: a fake evidence of water quality improvement?		A. Ikauniece, A. Labuce and I. Jurgensone. Pelagic – benthic coupling and gradients in the Gulf of Riga – long-term aspects	R. Callaway. Riddle of the sands: population ecology provides clues about causes of bivalve mortality
12:20 – 13:20		Lunch break		Lunch break	Lunch break



Research & management of transitional waters

ECSA 51th International Symposium, Klaipėda, Lithuania, September 23 – 27, 2012



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		Session 2. Integrated management of coastal systems (invasive species)		Session 4. Climate change & coastal systems	Workshop 3. Invasive bivalves in ecosystem remediation: from theoretical concerns to practical challenges. Convener Anastasija Zaiko, CORPI, Lithuania
13:20 – 13:40		S. Olenin, A. Zaiko, D. Minchin, A. Narščius and G. Srėbaliėnė. Invasive alien species as an agent of change in transitional waters		I. Kozlov, I. Dailidienė, A. Korosov, V. Klemas and T. Mingėlaitė. Space-based sea surface temperature of the Lithuanian transitional waters	T. Schroeder. Relevance and effects of mussel farms in Baltic coastal waters
13:40 – 14:00		M. Wahl, M. Hamann, F. Weinberger and M. Lenz. Are invaders tougher?		P. Gasyukov, T. Golubkova, O. Dmitrieva, E. Naymenko, L. Rydinskaya, M. Alexandrova, V. Smyslov and A. Gysev. Integrated Trends and status analysis of the Curonian Lagoon ecosystem (Baltic Sea, 1992-2011)	C. Fenske and S. Dahlke. Mussel Farming in Southern Baltic Lagoons: Which yields can be expected?
14:00 – 14:20				B. Chubarenko and S. Navrotskaya. Tendency of sea level changes in the lagoons of the south-eastern Baltic	V. Lauringson, K. Oganjan, A. Pungar and J. Kotta. Impact of invasive benthic suspension feeders on the energy circuit of a turbid bay from the perspective of ecosystem management
14:20 – 14:40				A. Ershova, T. Eremina and E. Lange. Analysis of the state of the Eastern Gulf of Finland ecosystem during the last decade in conditions of climate change	A. Wozniczka and N. Wolnomiejski. Zebra mussel (<i>Dreissena polymorpha</i> Pall.) in the Polish part of the River Odra estuary: past, present and future
14:40 – 15:00				S. Golubkov. Dynamics of pelagic and benthic communities in the Neva Estuary during the last two decades	M. Lyatun, E. Ezhova and N. Molchanova. Invasion of warm-water bivalve <i>Rangia cuneata</i> (Mactridae) and shift of community structure in temperate Vistula Lagoon, Baltic Sea
15:00 – 15:20		Coffee break		Coffee break	Coffee break
15:20 – 15:40		Poster session 1*		Poster session 2**	Workshop 4. Cross-border management of lagoons and transitional waters: ARTWEI project. Convener Gerald Schernewski, IOW, Germany
15:40 – 16:00					G. Schernewski and B. Schippmann. Simulation tools to support bathing water



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					quality management in a southern Baltic lagoon
16:00 – 16:20	Registration	Workshop 2. Management of fisheries in coastal lagoons. Convener Patrick Polte, Institute for Baltic Sea Fisheries, Rostock, Germany			
16:20 – 16:40		N. Stybel. HERRING – Sustainable management of a natural resource in the south Baltic Sea area			
16:40 – 17:00					
18:00 – 20:00	Welcome cocktail				19:30 Conference dinner

***Poster session 1 (24 September, Monday)**

Poster Nr.	Authors	Presentation title
1	N. Dobrotin, A. Bitinas, D. Michelevičius	Reconstruction of paleodynamics of the Curonian Spit dunes based on the ground-penetrating radar (GPR) survey and LIDAR data
2	I. Kozlov, T. Mingėlaitė and I. Dailidienė	MODIS-based evidence of coastal upwelling impact on Lithuanian transitional waters
3	J. Lesutienė, P. A. Bukaveckas, Z. R. Gasiūnaitė, R. Pilkaitytė and A. Razinkovas-Baziukas	Potential effects of climate change on sources of particulate organic matter to a large coastal lagoon of the Baltic Sea
4	A. Babakov, B. Chubarenko	The structure and dynamics of flow of the Baltiysk Strait
5	E. Esiukova, B. Chubarenko and L. Leitsina	The peculiarity of circulation regimes in Vistula lagoon (the Baltic Sea): results of numerical modeling
6	V. Bobykina	CURRENT STATE AND TENDENCY OF COASTAL DYNAMICS OF THE KALININGRAD REGION
7	B. Chubarenko, K. Karmanov	Discussion of reasons of abnormal high sea level in South-Eastern Baltic in winter 2011-2012
8	B. Chubarenko, S. Navrotskaya	On long-term stable water level rise in the Vistula lagoon (Kaliningrad gulf), 1840-2006
9	D. Domnin, S. Kondratiev and B. Chubarenko	Multi-modeling approach for estimating response of the freshwater component of the water balance for the Vistula Lagoon on climate changes
10	Z. Stont and B. Chubarenko	Analysis of long-term trends of meteorological characteristics in Kaliningrad Oblast
11	I. Dailidienė, H. Baudler and E. Grebliauskaitė	Ice regime changes in the south and east lagoons of the Baltic Sea
12	E. Ezhova, O. Kocheshkova, J. Stont and O. Goutshin	Zoobenthic productivity and structure vs water temperature in the Vistula Lagoon, Baltic Sea in 1996-2012
13	J. Russkikh, E. Ezhova, E. Lange and Z. Zhakovskaya	Harmful Algal Blooms and cyanotoxin content in waters of the Curonian and Vistula Lagoon in 2010-2012
14	A. Gusev and L. Rudinskaya	North American brackish water bivalve of <i>Rangia cuneata</i> (G.B. Sowerby I, 1831) in the Vistula Lagoon (Baltic Sea), September 2010 – April 2012
15	X. Chantzistroutsiou, I. Tzovenis and A. Economou-Amilli	Phytoplankton analysis of two transitional ecosystems in Epirus (Western Greece)
16	T. Ruginis, A. Dovydaitytė	Distribution and production of chironomids (Diptera: Chironomidae) in a shallow, hypereutrophic boreal lagoon (Baltic Sea, Lithuania).
17	V. Topchaya, V. Chechko	Features of quantitative and material composition of eolian material, entering the coastal zone of south-eastern Baltic sea.
18	A. Švanys, R. Paškauskas	Effects of allelopathically active macrophyte <i>Myriophyllum spicatum</i> on natural phytoplanktonic community – a mesocosm approach
19	J. Petkuvienė, M. Žilius, T. Ruginis, I. Lubiene, A. Paldavičienė and A. Razinkovas-Baziukas	Zebra mussel (<i>Dreissena polymorpha</i>) role in benthic-pelagic coupling with emphasis on nutrient regeneration and redistribution of cyanobacterial toxins
20	A. Domnina	Comparison of main morphometric characteristics of lagoons of World Ocean
21	D. Domnin and B. Chubarenko	Modeling assessment of the removal of nutrients from the Mamonovka river catchment by FyrisNP model
22	D. Domnin, B. Chubarenko and J. Gorbunova	Comprehensive monitoring activities for estimate load and removal of nutrients from the Primorskaya river catchment
23	A. Sokolov	First attempt of a sediment transport simulation in the coastal zone for the Kaliningrad Oblast (Baltic Sea) in the frame of the ECODUMP project

****Poster session 2 (26 September, Wednesday)**

Poster Nr.	Authors	Presentation title
24	R. Strikaitytė	The role of invasive shrimp <i>Palaemon elegans</i> in the littoral nectobenthic communities of the Baltic sea
25	R. Poikane, M. Jansons and E. Bogans	The variations of mercury concentrations in Perch (<i>Perca Fluviatilis</i>) and Molluscs (<i>Macoma Balthica</i>) collected in the coastal and transitional waters of Latvia
26	R. Poikane and M. Jansons	The variations of metal (Cd, Cu, Zn) concentrations in Perch (<i>Perca Fluviatilis</i>) and Bivalves (<i>Macoma Balthica</i>) collected in the coastal and transitional waters of Latvia
27	O. Dmitrieva	The monitoring and assessment of ecological status of the Russian parts of the Curonian and Vistula Lagoons (Baltic Sea) using the phytoplankton data
28	D. Vaičiūtė	Using MERIS/Envisat data to assess the extension of freshwater Curonian Lagoon plume in the Lithuanian Baltic Sea waters
29	A. Semenova	Zooplankton of the Curonian and the Vistula Lagoons as indicator their eutrophication and pollution according to russian and foreign classifications
30	J. Lesutienė, K. Arbačiauskas and Z. R. Gasiūnaitė	Ontogenetic patterns of feeding strategy and body C:N:P stoichiometry in Ponto-Caspian peracaridans from invaded environments with contrasting nutrient supply
31	A. Zaiko, D. Daunys, A.s Šiaulys	Aquatic invasive species and biotic indices: a fake evidence of water quality improvement?
32	A. Narščius, S. Olenin, A. Zaiko and D. Minchin	AquaNIS – Information system on Aquatic non-Indigenous species
33	R. Kybrancienė	Distribution and state of a threatened aquatic plant, <i>Nymphaeodes peltata</i> in Curonian Lagoon
34	K. Karmanov and B. Chubarenko	Plumes of the Vistula Lagoon waters in the Baltic Sea zone by remote sensing data
35	V. Pilipchuk, D. Domnin and K. Karmanov	Database of contact and remote measurements for the Vistula Lagoon water area: experience of its creation for scientific purposes
36	V. Chechko, B. Chubarenko and V. Topchaya	Lithodynamic conditions of dumping in the coastal zone of the South-Eastern part of the Baltic sea (Kaliningrad region, Russia)
37	A. Volodina and M. Gerb	Flora and peculiarities of spatial distribution of macrophyte algae in South-Eastern Baltic Sea, Russian EEZ
38	V. Chechko, B. Chubarenko and V. Topchaya	Features of the distribution of suspended matter during ice-cover period in the Vistula Lagoon
39	G. Marini, M. Pinna, G. Mancinelli and A. Basset	Are taxonomy, size structure and ecological traits of the macrozoobenthos differently described by different sampling techniques? A comparison of leaf bag and sediment samples in a Mediterranean coastal lagoon
40	G. Marini, M. Pinna, G. Mancinelli and A. Basset	Macroinvertebrates biomonitoring in transitional waters: improving cost-effectiveness through the selection of optimal sample size unit and sieve mesh size
41	G. Marini, L. Carrozzo, E. Longo, M. Pinna, M. L. Costantini, L. Rossi and G. Mancinelli	The occurrence of <i>Callinectes sapidus</i> Rathbun, 1896 (Decapoda, Brachyura, Portunidae) in the Salento peninsula coastal habitats: temporary visitor or permanent resident?
42	A. Armaitienė, A. Urbis and R. Bertužytė	Recreational aesthetic experience management methodology of transitional water ecosystems in Lithuania
43	L. Leitsina, B. Chubarenko, J. Maračkinaite, P. Margoński, R. Povilanskas, A. Razinkovas-Baziukas and L. Szymanek	Main environmental and nature problems in Curonian and Vistula lagoons: view after ARTWEI stakeholder agreements