

**12 October**

**14.00-15.00**

**Registration**

**15.00-10.18**

**Guided City Tour**

**13 October**

**10.00-13.30**

**Registration**

**10.00-10.15**

Opening Address by **Oleg N. Pugachev**, Director,  
Zoological Institute of Russian Academy of Science

**10.15-10.30**

A DOCUMENTARY FILM ON THE PRESENT-DAY  
ARAL by **Zuyev Yu., Eliseyev D. and Aladin I.**

**10.30-11.00**

Plenary Lecture: **Karlikhanov T., Ospanov K.**  
Monitoring as the basis of ecological regulation of  
water quality.

**11.00-11.30**

Plenary Lecture: **Mironenkov A., Sarsembekov T.,  
Sarsembekov V.** Social, economic and political  
consequences of the Aral ecological crisis.

**11.30-11.50**

**Van Stappen G., Marden B., Mirabdullayev I.,  
Zholdasova I., Vyverman W., Bosteels Th.,  
Sorgeloos P.** Economic and ecological benefits from  
sustainable use of the Aral Sea *Artemia* resources:  
results and experiences from a field sampling  
campaign conducted in the Uzbek part of the Aral Sea  
(2005-2007).

**11.50-12.10**

**Karlsson I., Björklund G.** Sustainable cotton – an  
achievable goal in the Aral Sea area?

**12.10-12.30**

**Coffee Break**

**12.30-12.50**

**Krивonogov S., Kuznim Ya., Burr G., Gusskov S.,  
Khazin L., Zhakov E., Nurgizarinov A.,  
Kurmanbayev R., Kenshinbay T.** New data on the  
Aral Sea level changes in the Holocene and Pre-  
Holocene times.

**12.50-13.10**

**Gophen M.** Water level decline in lakes: the  
difference between disaster and welfare.

**13.10-13.30**

**Ibrahimov Sh.** The forecast of parasitological  
situation in the Aral Sea in compliance with possible  
options of future environmental condition of this water  
body.

<b>13.30-15.00</b>	<b>Lunch</b>
<b>15.00-15.30</b>	Plenary Lecture: <b>Micklin Ph.</b> The future Aral Sea: is the glass half full or half empty?
<b>15.30-16.00</b>	Plenary Lecture: <b>Aladin N.</b> The Aral Sea: already dead, dying, or alive?
<b>16.00-16.20</b>	<b>Ibatullin S.</b> The Aral basin: the time of trial and activity.
<b>16.20-16.40</b>	<b>Coffee Break</b>
<b>16.40-17.00</b>	<b>Aldyakova O.</b> Geoinformational mapping and landscape-ecological monitoring support in the southern Aral Sea region.
<b>17.00-17.20</b>	<b>Shabanova L.V., Dzhusupov A.E.</b> Saving biodiversity, surface system of Kazakhstan part of the Aral Sea.
<b>17.20-17.40</b>	<b>Kuznetsov L.</b> Lessons and outlooks (about the Program of Studies in the Barsakelmes Reserve).
<b>17.40-18.00</b>	<b>Barlykbayev E., Alimbetova Z.</b> Peculiarities of biodiversity monitoring in Nature Reserve Barsakelmes in conditions of ecological crisis.

## **14 October**

<b>10.00-10.30</b>	Plenary Lecture: <b>Kubota J.</b> Historical interaction between human and the environment in arid regions of Central Eurasia – a multi-disciplinary research project.
<b>10.30-11.00</b>	Plenary Lecture: <b>Boroffka N.</b> Archaeology and its relevance to the history of climate and hydrology.
<b>11.00-11.20</b>	<b>Sorokin A.</b> Modelling of the possible inflow to the Aral Sea.
<b>11.20-11.40</b>	<b>Navratil P.</b> Multi-sensoral remote sensing of land cover and wetland habitats on the desiccated Aral Sea bed in southern Priaralye.
<b>11.40-12.00</b>	<b>Yasinskiy V., Mironenkov A., Sarsembekov V.</b> Regional features of modern environmental problems in Central Asia.
<b>12.00-12.30</b>	<b>Coffee Break</b>

- 12.30-12.50** **Abatzopoulos Th., Baxevanis A., Maniatsi S.**  
Genetic identification of Aral Artemia populations.
- 12.50-13.10** **Shabanova L.V., Akshalova A.A.** GIS of cadastres of forestry and especially saving territories, objects of animal world and fish cadastre.
- 13.10-13.30** **Karlikhanov T., Seytzhanova Sh.** Collector-drainage waters in the Aral Sea basin and possibilities of their repeated use.
- 13.30-15.00** **Lunch**
- 15.00-15.30** Plenary Lecture: **Cretaux J.-F.** Aral Sea level variability.
- 15.30-16.00** Plenary Lecture: **Van Baalen M.** Adding insult to Injury: climate change exacerbates adverse effects of irrigation practices in the Aral Sea basin.
- 16.00-16.20** **Eliseyev D.** Research of vertebrates in the Barsakelmes Nature Reserve by the expedition of the Russian State pedagogical University.
- 16.20-16.40** **Coffee Break**
- 16.40-17.00** **Zhakova L.V.** Water flora composition and distribution of macrophytes in the Aral Lake: comparison for the present and the past.
- 17.00-17.20** **Pankratova I.** Changes of energetic expenditures during transpiration in psammophylous phytocenoses.
- 17.20-17.40** **Plotnikov I.** Dynamics of free-living invertebrate fauna of the Aral Sea.
- 17.40-18.00** **Ermakhanov Z.K.** Changes in the Aral Sea fish communities and fishery in the period of ecological crisis.

## **15 October**

- 10.00-10.30** Plenary Lecture: **Babaev A.G., Razakov R.M., Tashmuamedov B.A., Umarov N.M., Toderich K., Safarov K., Rahmonov B.A., Kosnazarov K.A., Savitsky A.G., Veselov V.V.** Rehabilitation of degraded ecosystems using innovative technologies for sustainable economic development and stabilization of ecological situation in Priaralye.

10.30-11.00	Plenary Lecture: <b>Oren A.</b> The dying Dead Sea: comparative community genomics of microbial communities in an increasingly extreme environment.
11.00-11.20	<b>Sokolov S.</b> Aral: the blue unknown sea.
11.20-11.40	<b>Kashkarov R., Mitropolskiy O., Ten A., Matekova G., Atakhodjaev A.</b> Current status and problems of conservation of avifauna of Southern Priaralye.
11.40-12.00	<b>Kashkarov O.</b> Development of student initiatives and ecological education aimed at protection of avifauna in Karakalpakstan.
12.00-12.30	<b>Coffee Break</b>
12.30-12.50	<b>Novikova N.</b> Scientific and practical problems of the organization of landscape-ecological monitoring in Southern Priaralye.
12.50-13.10	<b>Ogai O.</b> Results of Socio-economic monitoring project "The Sudochie Lake Wetland Restoration".
13.10-13.30	<b>Kuzmina Zh., Treshkin S.</b> Influence of change of climate and soils at artificial formation of halophytes vegetation in Aral Sea region.
13.30-15.00	<b>Lunch</b>
15.00-15.20	<b>Smurov A., Fokin S., Aladin N.</b> The effect of oceanic and Aral Sea water salinity tolerance of <i>Paramecia</i> ssp. (Ciliata).
15.20-15.40	<b>Buranov U.</b> The Aral Sea yesterday and today, and appropriate measures for stabilization of the ecological situation in the region.
15.40-16.00	<b>Nurmaganbetov D.</b> Risk assessment and uncertainty of ecosystem functioning.
16.00-16.20	<b>Durtschi P.</b> The Aral Sea issue in the mass media.
16.20-16.40	<b>Coffee Break</b>
16.40-18.00	<b>ROUND TABLE AND DISCUSSIONS on future scientific cooperation</b> <b>DISCUSSION OF THE DOCUMENTARY FILM ON THE PRESENT-DAY ARAL</b>