



## FIRST ANNOUNCEMENT KRASNODAR 2016 INTERNATIONAL STURGEON MEETING (2016-ISM)

### Dear Colleagues and Friends,

We are pleased to inform you that the State Regional Centre for Sturgeon Gene Pool Conservation “Kubanbioresursi” Ministry of Natural Resources and Kuban Sturgeon Farming Institute (KIO Ltd.) supported by the World Sturgeon Conservation Society (WSCS), will organize the International Sturgeon Meeting focusing on problems of conservation and rehabilitation of sturgeons as well as on caviar production trends between May, 31 and June, 4, 2016 in Krasnodar, Russia.

### PROGRAMME

The programme is focusing on two opposing fields in sturgeon culture that form the key competencies of Kubanbioresursi. A **mini-symposium** will address recent developments in sturgeon and caviar production, while a **workshop** will focus on methods for the assessment of fitness characteristics of sturgeon juveniles before their release to the wild.

The following organizations have been invited to share their experience with the audience: IRSTEA, IGB Berlin, State Regional Centre for Sturgeon Gene Pool Conservation “Kubanbioresursi”, WSCS. The technical visits to sturgeon farms of State Regional Centre for Sturgeon Gene Pool Conservation “Kubanbioresursi” and Kuban Institute of Sturgeon farming, including water warm farm, fish passage facility (lift) of Krasnodar and Fedorovskaya Dam are planned in the frame of the meeting.

### Plenary Session

The decline of a genus (TBD)

The history of sturgeon conservation and enhancement (TBD).

Aquaculture for good or bad? What does aquaculture contribute in the sturgeon crisis? H. Rosenthal?

Specific issues dealt with during the conference are separated into two main topics. The development of aquaculture for the consumptive market and the prerequisites and trends in rearing for rehabilitation or reintroduction of wild stocks will be organised in parallel events.

The following themes and tentative programs are for seen for the mini-symposium and the workshop.

### **Mini-symposium**

“New ways in caviar production – where is the industry moving? -- Traditional caviar vs. ovulated caviar: the traditional and the new methodologies for producing and conserving different types of caviar and their implications for conservation and market development”.

The Mini symposium intends to bring together actors in various fields of caviar production, processing and trade. It is devoted to highlight the potential of different methods for production, the impact on production planning and market development, sensory properties, quality control and labelling. Also the acceptance of the markets and the effects on the global caviar trade including the potential effects for conservation (CITES) will be discussed.

## ***Tentative program:***

### **Market overview**

1. Future of farmed and wild origin caviar in the Caspian Sea range states (M. Pourkazemi)
2. An overview on the caviar markets worldwide (P. Bronzi)
3. Market development where does the future lead us? (Product split, producers and consumer etc.) (A. Petrossian)
4. The different markets and prices as well as the acceptance in different countries (TBD)

### **Production**

1. The history of the development of in vivo methods for extraction of ovulated eggs from living sturgeon and processing caviar in Russia (S. Podushka)
2. Optimization of brood stock management for all-year caviar production of ovulated eggs (M. Chebanov)
3. First year of ovulated caviar factory in Germany (A. Koehler)
4. Peculiarities of the commercial cultivation of sturgeon in the RAS full cycle from fertilized eggs to caviar” (Y. Kitashin)
5. New RAS system approach for caviar production in totally controlled environment (D. Tabacaru) TBC
6. Preservatives in sturgeon caviar [ *tentative title*] (A. Novikov)

### **Quality control**

1. Classification, quality control and a comparative analysis of the content of organic compounds of different types of caviar (V. Gromova).
2. Chemical evaluations of different types of caviar (nutritional values, analytical differences etc.) (V.M. Moretti) TBC
3. Implications of production trends for the future protection measures, forensic measures (genetic, physiological and morphological), improved enforcement etc (L. Congiu, A. Ludwig, A. Zitek)
4. How to improve the traceability of sturgeon products from rearing facility to the consumer? (J. Jahrl)
5. Open research questions

## **Workshop**

The workshop that is taking place in parallel, focuses on supportive stocking and will have a strong focus on quality assessment of stocking material, its prerequisites and measures to test. This includes the underlying biological impacts upon fitness as well as the cause effect relationship between adaptation and performance.

A variety of presentations is intended to familiarize the participants with the issues to be dealt with and to initiate the discussion of concepts.

The program of the WS includes the following issues considered essential for effective conservation and population support:

1. Genetic background of broodstock management
2. Races and the impact of management on their persistence (how to maintain the existing differences)
3. What is fitness?
4. Which criteria to apply to determine fitness?
5. Rearing practices and the effects upon juvenile development and fitness (impacting factors and limits for environmental parameters in rearing from egg to fingerlings)
6. Future trends for improving performance of hatchery reared fish for release

## **Preliminary program (tentative titles)**

1. The role broodstock plays in the adaptability of released fish – plasticity and adaptability as a result of genetic makeup. (L. Congiu)
2. Genetic characterization of the relict population of the European sturgeon, *Acipenser sturio*: insights into breeding and conservation programs (tentative title) Roques S. et al. (Irstea&Isem)
3. Lessons learned from past experience – the Soviet production oriented practice in reproduction in the Caspian Sea and its result on population diversity A. Ludwig
4. What constitutes fitness of fish for release? J. Geßner
5. Stocking practices: benefits, drawbacks and challenges, a case study on *A. sturio*. Acolas et al.
6. Stock enhancement and conservation culture of sturgeon in the Sea of Azov: problems and prospects.- M. Chebanov
7. Physiological mechanisms of adaptation in early ontogenesis sturgeon – N. Boyko
8. Polyfunctional Evaluation of larval and fingerling fitness indices. E. Galich, M. Chebanov, Y. Merkulov
9. Evaluation of the quality of hatchery produced sturgeon juveniles with the use of the Ikhtiotest system. A. Tikhomirov
10. Estimation behaviour peculiarities and swimming capacity of sturgeon larvae and fingerlings( tentative title) R. Khodorevskaya
11. First results of fitness related traits evaluation function of rearing practices for *A. sturio* juveniles: photoperiod and water quality effect (tentative title). C. Garcia et al.
12. Effects of early life phase rearing conditions on the quality of juveniles for release (TBD)
13. Can we monitor effectiveness of release – drawbacks in field investigations (E. Rochard, J. Gessner)
14. How to improve the future release practice to meet the challenges in conservation (TBD)
15. Open research questions

## **MEETING DATES, VENUE AND ACCOMMODATION**

### **Draft schedule of the meeting**

**May, 31<sup>st</sup>** – Arrival and registration

**Jun, 1<sup>th</sup>**

**Morning:** Registrations, plenary meeting

**Afternoon:** mini-symposium and workshop presentations

**Evening:** welcome party

**Jun, 2<sup>nd</sup>**

**Morning:**

A) mini-Symposium continuation and

B) practical part of workshop at sturgeon farm

**Afternoon:**

A) mini-Symposium continuation

B) continuation of the workshop

**Evening:** Closing session, conclusions and recommendations, Conference banquet

**Jun, 3<sup>th</sup>** – technical visits and excursions

**Jun, 4<sup>th</sup>** – side tours

## Venue site

The mini-symposium and the workshop will take place in the modern and properly equipped Business Centre and Hotels Platan. Two parallel sessions will be held separately at the the Platan Hotel, especially intended for the audience of this size (50-70 attendees).

**Language:** The official languages will be Russian and English. Simultaneous translations will be provided.

## Accommodations

Hotels Ekaterininsky and Platan are suitably located in the very centre of the city. The hotels offer special rates for the participants of the meeting (when booking please refer to the Kubanbioresourci conference).

Hotel	Single room	Semi-lux	Double room
Ekaterininsky	from Euro 45		from Euro 60
Platan Lux	from Euro 65	From Euro 100	from Euro 160 (lux)

**Platan Hotel** is a four star hotel that is oriented on guests who appreciate quality, privacy and personal approach. <http://www.platanhotel.ru/en/>

**Ekaterininsky Hotel** is a three star hotel that can offer more economic variant of accommodation. <http://www.tourist-hotel.ru/> More information on „additional information“.

## Tours

The short walking sight-seeing tour in the centre of Krasnodar will be organized for participants of the meeting during the second or third day of the meeting. There are also many possibilities for side tours after the conference to see special places in the Krasnodar region, for instance, to Sochi - city of the Winter Olympic 2014, Abrau-Dyurso – Centre of Russian “champagne”, etc. Participants should make their choice for post-conference tours.

## Participation and Registration

Please complete this form and submit it by e-mail to [ism.krasnodar@gmail.com](mailto:ism.krasnodar@gmail.com) [MChebanov@gmail.com](mailto:MChebanov@gmail.com) no later than February 15 with the subject line: “**June Meeting in Krasnodar**”. For any questions please contact by E-mail: [ism.krasnodar@gmail.com](mailto:ism.krasnodar@gmail.com) [MChebanov@gmail.com](mailto:MChebanov@gmail.com) or phone: +7(988) 2465177, +7(918) 4715417.

## REGISTRATION FORM

Last Name \_\_\_\_\_ First Name \_\_\_\_\_ Secondary Name \_\_\_\_\_

Company/Institution \_\_\_\_\_

Country \_\_\_\_\_

Title  Dr.  Mr.  Ms.  Mrs.

Address \_\_\_\_\_

Zip \_\_\_\_\_ City \_\_\_\_\_

State/Province \_\_\_\_\_ Country \_\_\_\_\_

Tel \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

Passport # \_\_\_\_\_ Date of expiry \_\_\_\_\_

Country of passport issue \_\_\_\_\_

Where will you apply for visa \_\_\_\_\_

#### 4. REGISTRATION FEES

The full registration includes: admission to mini-symposium and to the workshop (including simultaneous translation, coffee-breaks, evening welcome party, walking tour on the centre of the city, working conference materials). The WSCS members in good standing will have a reduced rate.

TYPE OF REGISTRATION	Early bird registrations (by February, 15)	after February, 15	To be paid
<input type="checkbox"/> Member rate	<input type="checkbox"/> 65	<input type="checkbox"/> 80	
<input type="checkbox"/> Member student rate	<input type="checkbox"/> 35	<input type="checkbox"/> 50	
<input type="checkbox"/> Non-member rate	<input type="checkbox"/> 75	<input type="checkbox"/> 90	
<input type="checkbox"/> Non-Member student rate	<input type="checkbox"/> 45	<input type="checkbox"/> 60	

Please indicate your attendance to one of two parallel events (mini-symposium/workshop) in the table below.

Mini-symposium	<input type="checkbox"/>
Workshop	<input type="checkbox"/>

#### Technical visits – Jun, 3 2016

Project (optional)	Fee	Total
1. Excursion (sturgeon breeding farm and warm water sturgeon farm) - 40 km from the centre of Krasnodar – 3.5 hours	<input type="checkbox"/> Euro 25	
2. Excursion with extra demonstration of breeders 6 sturgeon species, ultrasound sexing & staging of juveniles and mature specimens – 5 hours	<input type="checkbox"/> Euro 40	
3. Fish passage facility (lift) at Krasnodar Dam with demonstration of fish passage cycle	<input type="checkbox"/> Euro 30	

TOTAL AMOUNT DUE \_\_\_\_\_

Date \_\_\_\_\_ Signature \_\_\_\_\_

#### Mode of payment

Payment (in Euro) can be made to the bank account as follows:

Beneficiary: "KIO" Ltd

Beneficiary Bank: OJSC "PROMSVYAZBANK

STROENIE 22-10, SMIRNOVSKAYA UL., MOSCOW, RUSSIAN FEDERATION

SWIFT: PRMSRUMM

Account No: 40702978301000000301

With Institution: YUZHNYJ BRANCH (Volgograd), SWIFT: PRMSRUM1VGG

Intermediary Bank: DEUTSCHE BANK AG

12-21 TAUNUSANLAGE, FRANKFURT AM MAIN, 60262, GERMANY

SWIFT: DEUTDEFF

National ID: 50070010

Account No: 10094751040000

## VISA

After receiving the invitation letter to attend the meeting you can apply for your visa at the Embassy or consulate of Russian Federation in your home country.

## Travel and logistic options

Krasnodar is a city with a well-developed transport infrastructure, and can be easily accessible from anywhere in the world with minimal transfers. There is an international airport, few railway and bus stations.

Krasnodar has direct regular international connections with the cities: Vienna, Yerevan, Istanbul, Larnaca, Minsk, Tel Aviv, Tashkent, Dubai, Aktau, Dushanbe as well charter flights: Barcelona, Rimini, Antalya, Bangkok, Athens, Thessaloniki etc.

The airport has extended its connections every year. Currently it is planned to establish a Krasnodar – Beijing direct flight.

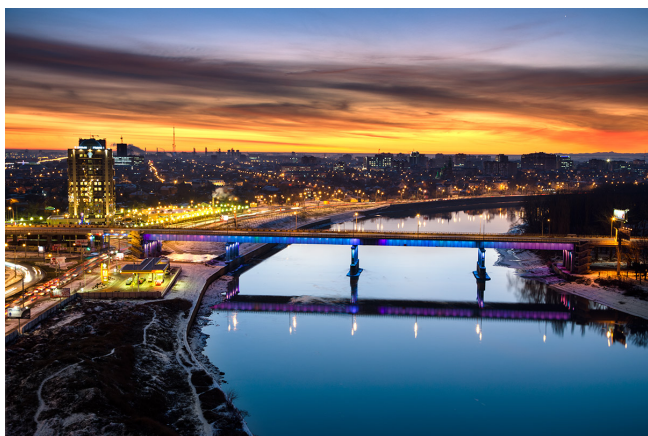
There are many regular everyday flights to and from Moscow and St. Petersburg. It takes 2 and 3 hours to get there respectively. There are few convenient nearby airports: Sochi, Rostov-on-Don, Mineralnye Vody, Anapa, Gelendzhik.



Kuban State University



Hotel Platan (venue site)



Kuban River



Hotel Inturist (venue site)