



**“MAN AND BIOSPHERE”**  
**XV International Youth Ecology Conference**  
28–30 March 2018  
Vladivostok, RUSSIA



## **Call for Papers and Conference Announcement**

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- FEDERAL SCIENTIFIC CENTER OF BIODIVERSITY FAR EASTERN BRANCH OF RUSSIAN ACADEMY OF SCIENCES (FSCB FEB RAS)
- International Center of Ecological Monitoring FSCB FEB RUS
- Scientific Educational Ecological Center FSCB FEB RAS

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**Dear young scientists, ecologists, friends,**

The **XV International Youth Ecology Conference “Man and Biosphere”** will take place at the Federal Scientific Center of Biodiversity FEB RAS from March 28th to March 30st. The Conference aims to examine the relationship between man, society and nature, to estimate global and local ecological problems, to study biodiversity, biology and ecology of natural communities and those under anthropogenic impacts; to discuss problems of nature protection in own country and in an international aspect. We also invite those who interested in different earth science: geography, geology, marine biology, oceanology, etc., and in practical work for improving of environment in place of your living; we invite those who involved in ecological tourism, ecological journalism and eco-low branch.

The Conference will include the following Sections and Topics, each open to papers, posters, and written papers. The corresponding (virtual) participation is welcome, especially for international participants. The results of your ecological projects and advanced studies will be appraised by a competent judge, winners will be the recipients of an award deeds and valuable gifts. The results of your work will be published in the Conference Abstract Book, and posted on the Research Gate web-site and on [www.east-eco.com](http://www.east-eco.com).

**JOIN AND WIN!**

## SECTIONS AND SUBSECTIONS

### General Section

- a) **Biodiversity and protection of the environment** (study on flora and fauna; nature protection);
- b) **Researches of environment** (Estimation of quality of vegetation, soil and air);
- c) **Ecological design and improvement of the places of residence** (carrying out actions for territories cleaning and improving of the places of residence; development of projects of ecological design of territories, creation of mini-parks, places for public rest, etc.)
- d) **Ecological Tourism** (development of tourist routes, construction of nature trails, etc.)
- e) **Environmental Laws and Their Application** (Conducting public environment impact assessments, monitoring of compliance with the norms of environmental health; control of respect for human rights on a healthy environment)

### Water Section

- a) **Protection and restoration of freshwater and marine water resources / water resources management** (introduction of effective strategies for water conservation;
- b) **Monitoring of the ecological state of fresh and marine waters;**
- c) **Water treatment technologies, wastewater treatment and water management;**
- d) **Arrangement and study of streams and springs;**
- e) **"Water and Climate"** (research in the field changes due to global climate change);
- f) **"Water and Peace" (I)** (international research projects involving two or more countries in the Asia-Pacific region);

### Ecology Journalism Section

Ecological publications in newspapers, magazines, creation of own newspapers, wall newspapers, posters, flyers, websites, photo exhibitions:

- a) to address environmental issues through the media;

- b) young journalists write about the water problems;
- c) “Water and Peace” (II) (publication about international cooperation in the field of water resources; protection and restoration)

## **CONFERENCE SCHEDULE**

### **28 March**

Registration of participants  
Opening Ceremony  
Lecture of Outstanding Scientists  
Presentations of participants

### **29 March**

Presentations of participants

### **30 March**

Tour of the laboratories and museums  
Award ceremony  
Closing ceremony

## **PRESENTATION REQUIREMENTS:**

Plenary Report - 20 minutes

Section Report - 10 minutes

(5 minutes is added to each report for questions)

## **Deadlines:**

- Registration Form and Abstract should be sent to the Organizing Committee no later than March 10, 2018.
- Power Point Presentation should be sent to the Organizing Committee no later than March 20, 2018 to the following address: [cleanwater@biosoil.ru](mailto:cleanwater@biosoil.ru) (additional: [vshivkova@biosoil.ru](mailto:vshivkova@biosoil.ru)) to **Tatyana S. VSHIVKOVA**.

**PLEASE SEND REGISTRATION FORM AND ABSTRACT TOGETHER NO LATER THAN MARCH 10, 2018!**

## REGISTRATION FORM

### The XV International Youth Ecology Conference "Man and Biosphere"

PARTICIPANT FULL NAME: \_\_\_\_\_

\_\_\_\_\_

YEAR OF BIRTH \_\_\_\_\_

CLASS/ COURSE \_\_\_\_\_

PHONE NUMBER (WITH AREA CODE) \_\_\_\_\_

E-MAIL: \_\_\_\_\_

SUPERVISOR/ TEACHER FULL NAME \_\_\_\_\_

PHONE NUMBER (WITH AREA CODE) \_\_\_\_\_

E-MAIL: \_\_\_\_\_

TITLE OF PRESENTATION: \_\_\_\_\_

\_\_\_\_\_

TYPE OF PRESENTATION (underline):

oral report          poster (poster)          written paper          video record

NAME OF SCHOOL / UNIVERSITY: \_\_\_\_\_

COUNTRY: \_\_\_\_\_

HOTEL NEEDS (UNDERLINE):

Yes                      No

**Participant Signature:** \_\_\_\_\_ **Date of filling:** \_\_\_\_\_

**Date of receipt: (to be completed by the Organizing Committee):**

**Abstract requirements:**

**Abstract** should be submitted electronically following the next format:

The paper size – A4;

The margins: top – 2.0 cm, bottom – 2.0 cm, left – 2.0 cm, right – 2.0 cm

Font Times New Roman Cyr, font size – 12

**ABSTRACT (Example)**

The Amazon: The Greatest River

Emma HOLM-OLSEN

*9 class, International Linguistic School, Vladivostok, Primorsky Territory*

*Country: USA*

*School Head: Teacher of Biology, T.S. Vshivkova*

My goal is to get people interested in learning more about this amazing part of South America, and helping to make it great! The ecosystems of the Amazon River and Rainforest are very diverse compared to other world biomes. Many of its indigenous species are threatened and/or endangered. The River is made up of many tributaries and swamps etc. that are home to many species and play a huge part in the ecology of the continent. The Amazon River begins high in the Andes Mountains (Iquitos, Peru.) Its length is around 4000 miles, which is about the distance from New York to Rome. It is the world's second longest river, the Nile being the longest. However, the Amazon sets the record for the largest amount of water carried (219,000 m<sup>3</sup>/sec). Many smaller bodies of water merge, creating the River, and eventually flow into the Atlantic Ocean. I had the honor of visiting the Amazon while I was living in Brazil, and got to experience it up-close. I saw many unique species including birds, monkeys and dolphins. Deforestation is one of the biggest threats to the Rainforest. The gas emissions released, count towards 25% of the Earth's global warming problem, so the safety of the Rainforest and River, is the first step towards curbing global warming. Some of the biggest problems for the River are dams and overfishing. Dams cut off the water and nutrient circulation, while overfishing, which may seem harmless at first, can eventually result in the extinction of vital fish populations. Unfortunately, I didn't have the opportunity to do any physical experiments or research, but hopefully that will be possible in the future