13th International Conference on Salt Lake Research

Ulan-Ude, August 20-23, 2017

Photo by mobile phone
N.V. Aladin

13-я Международная конференция по изучению соленых озер

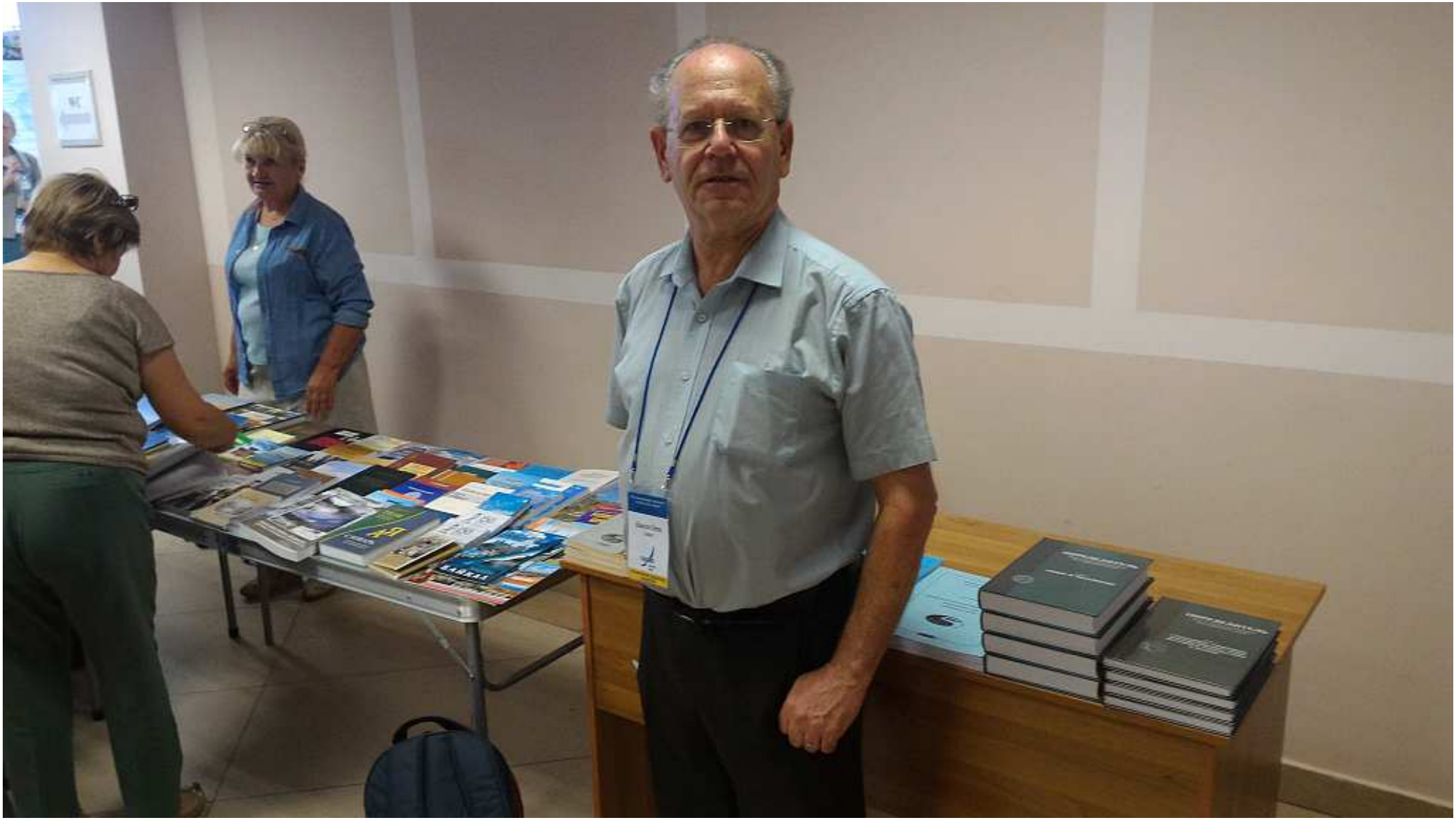
Улан-Удэ, 20-23 августа 2017 г.

Фото с мобильного телефона
Н.В. Аладин


Welcome
ICSLR-2017
Ulan-Ude
Russia
www.icslr2017.ru


G—P
A—P


ОПРЕДЕЛИТЕЛЬ




Don't touch


13th International
Conference on Salt
Lake Research
ICSLR 2017
Ulan-Ude
Russia
21-25 August, 2017
Hall

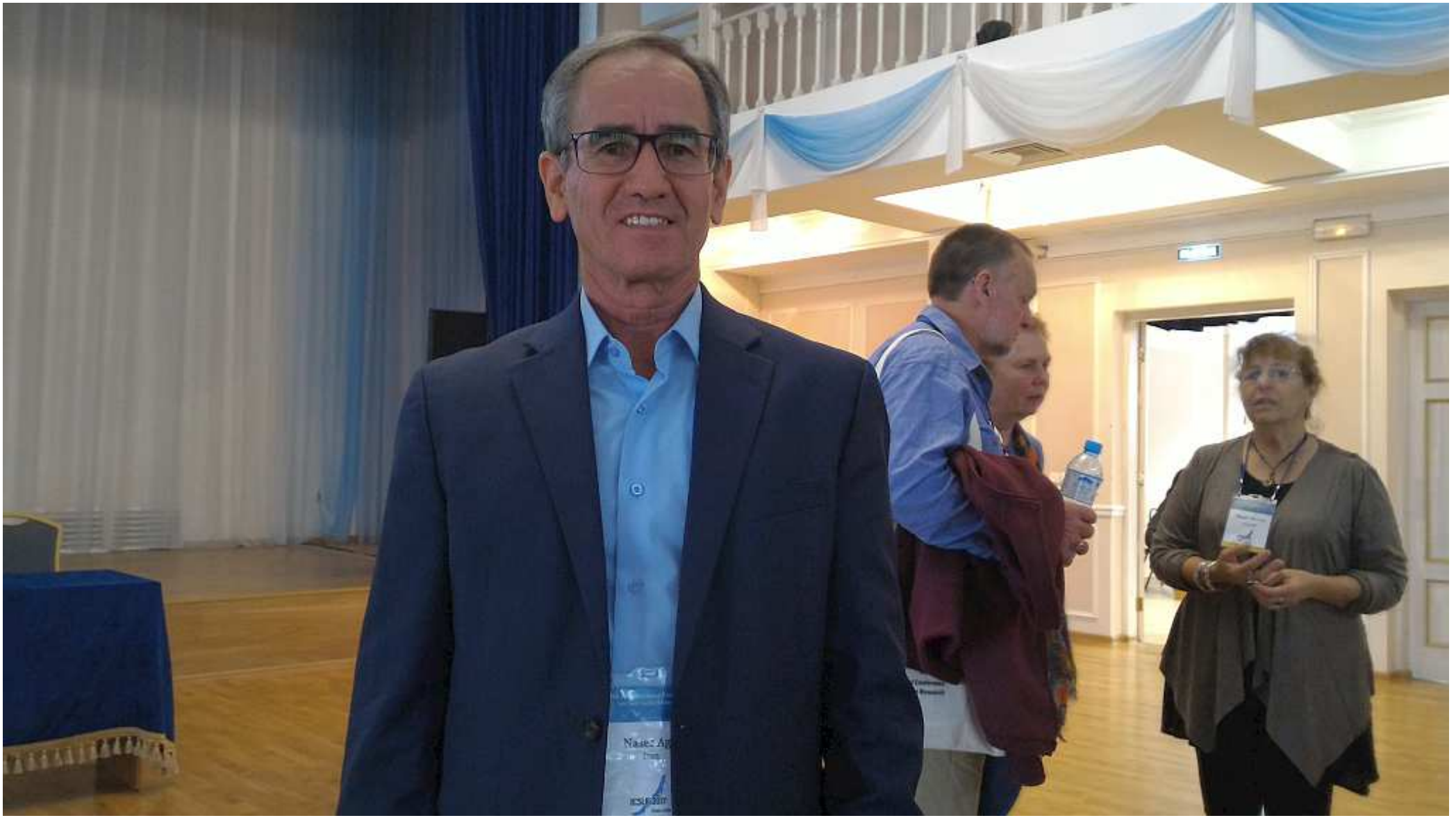

ICSLR 2017
Ulan-Ude
Russia
13th International Conference
on Salt Lake Research

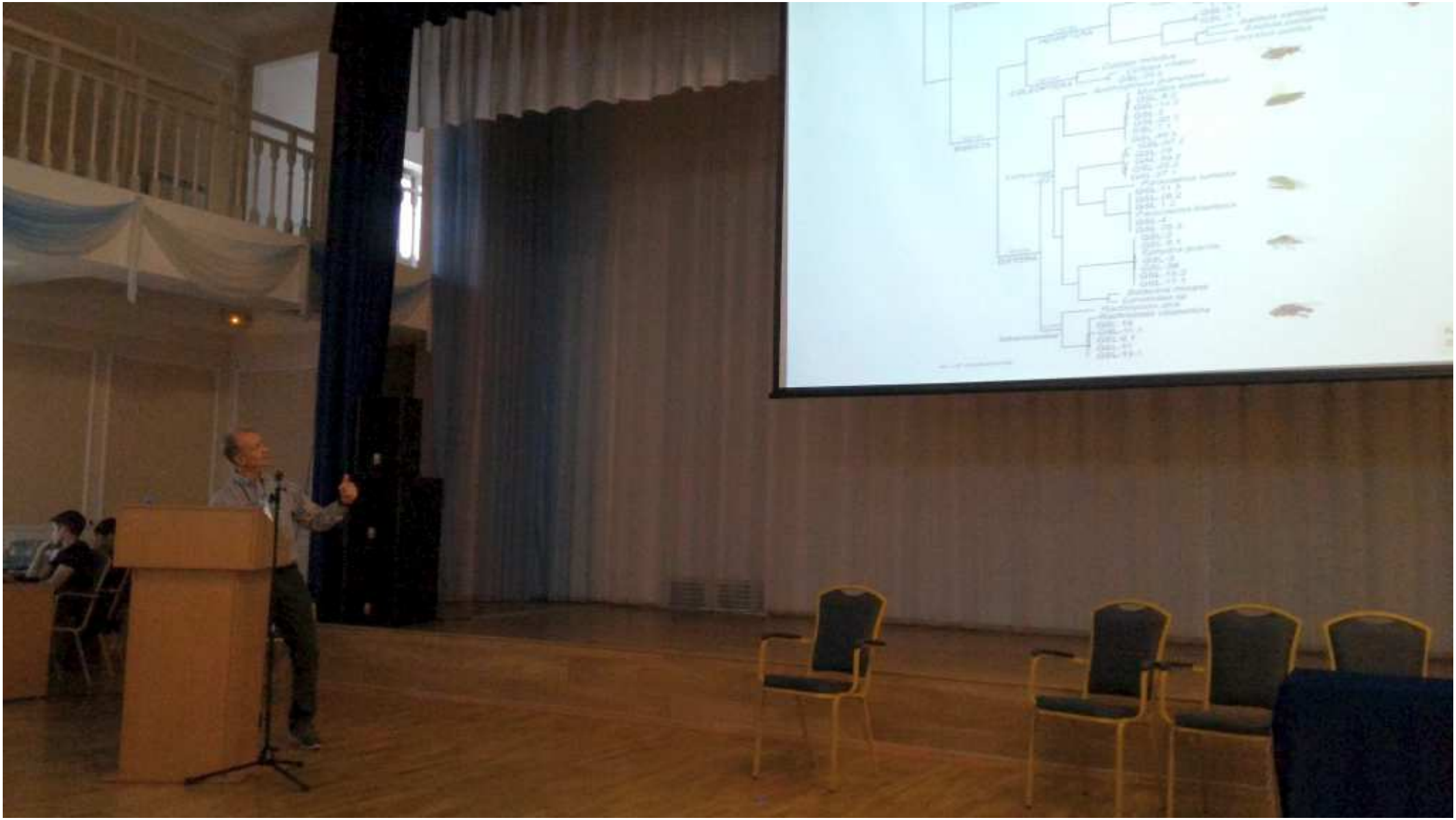

ICSLR
13th Internation
on Salt


ICSLR-2017
BAIR NAMSARAEV
(1943-2015)

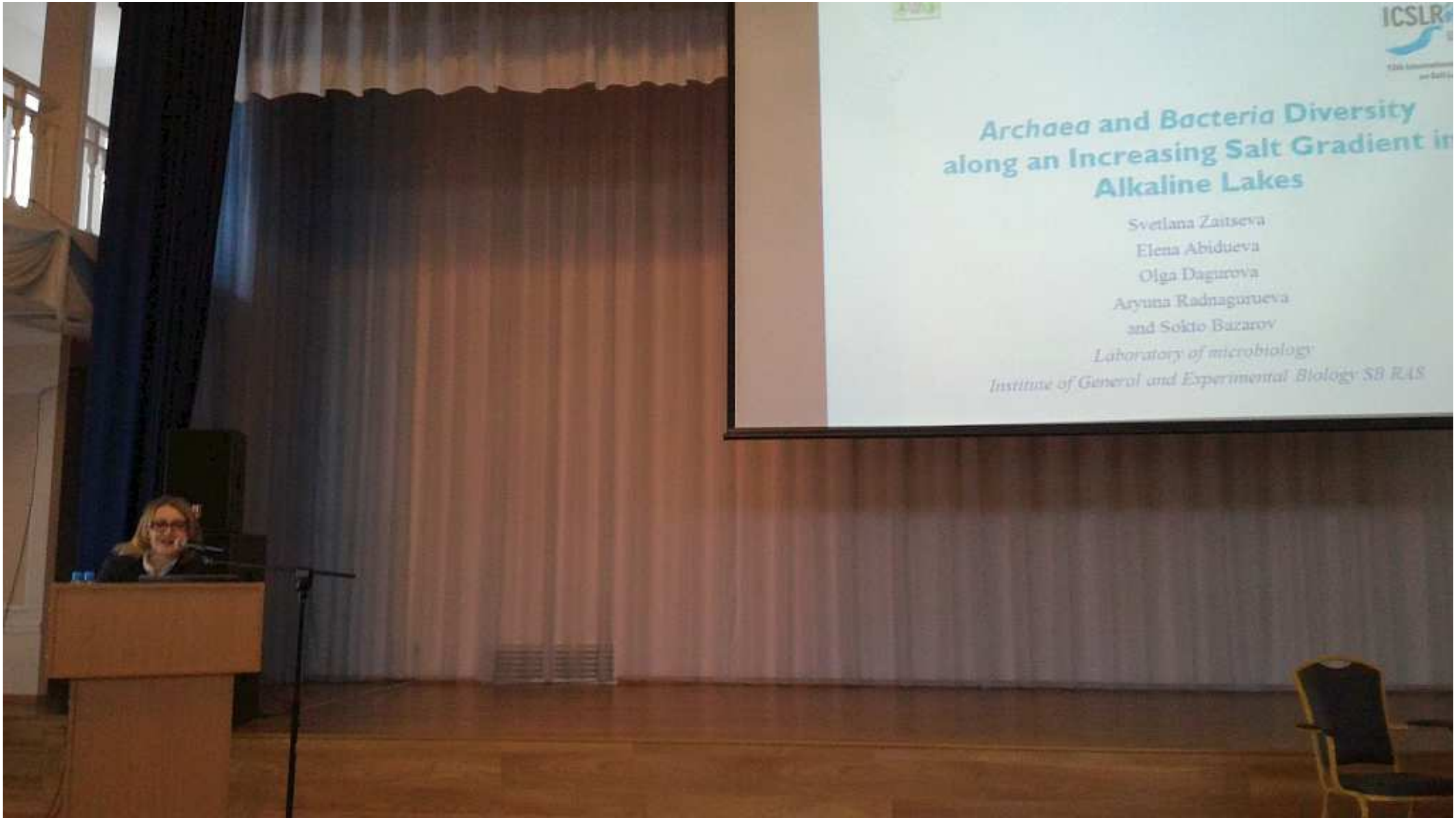

Climate change effects
On lakes: similarities and
differences in response of
freshwater and saline lakes
Focus on trophic structure
Erik Jeppesen and many others – La
group, Aarhus University, Uruguay,
Brazil, Spain, Turkey, China etc.


13th International Conference on Salt Lak
БГУ

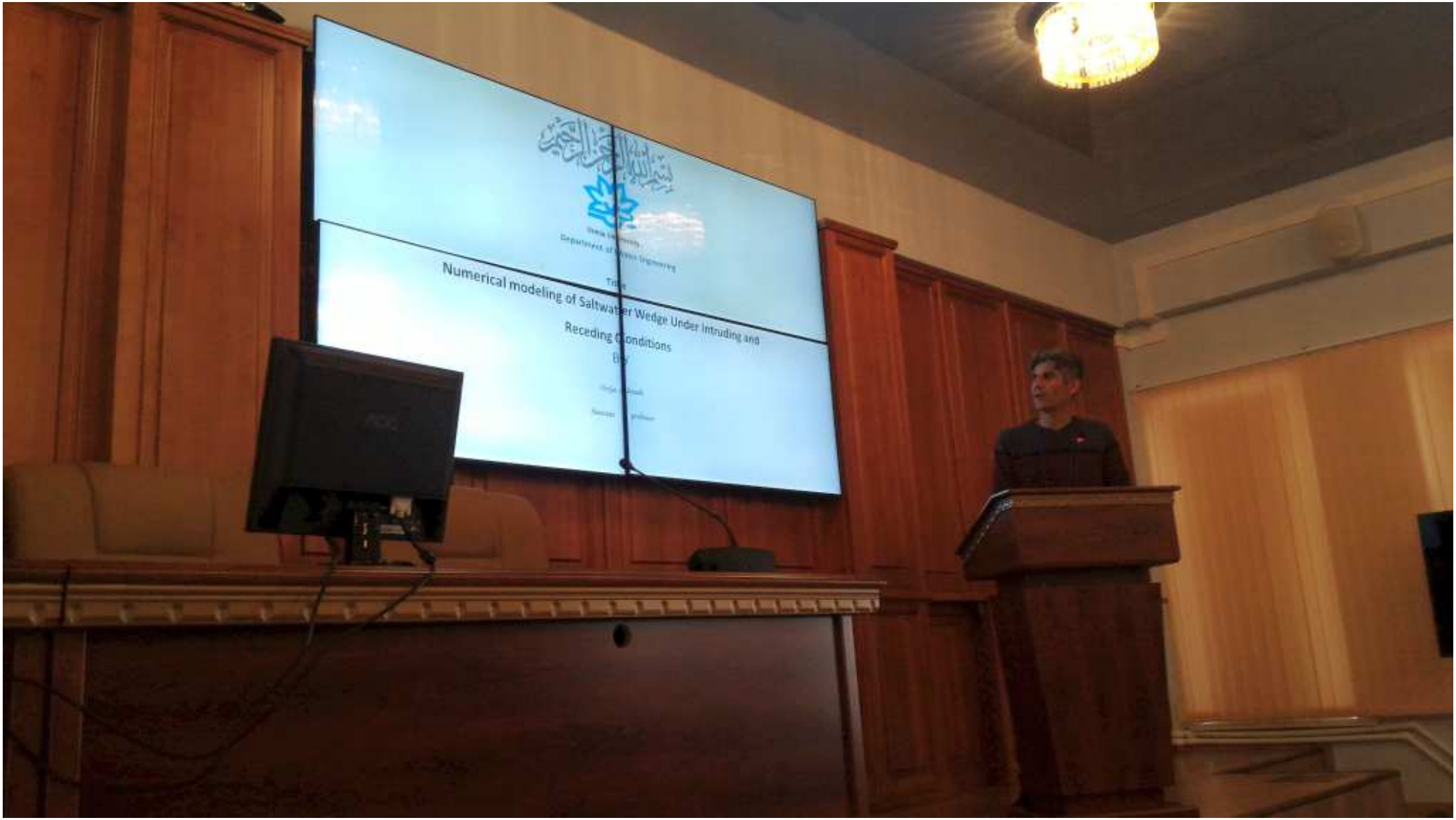


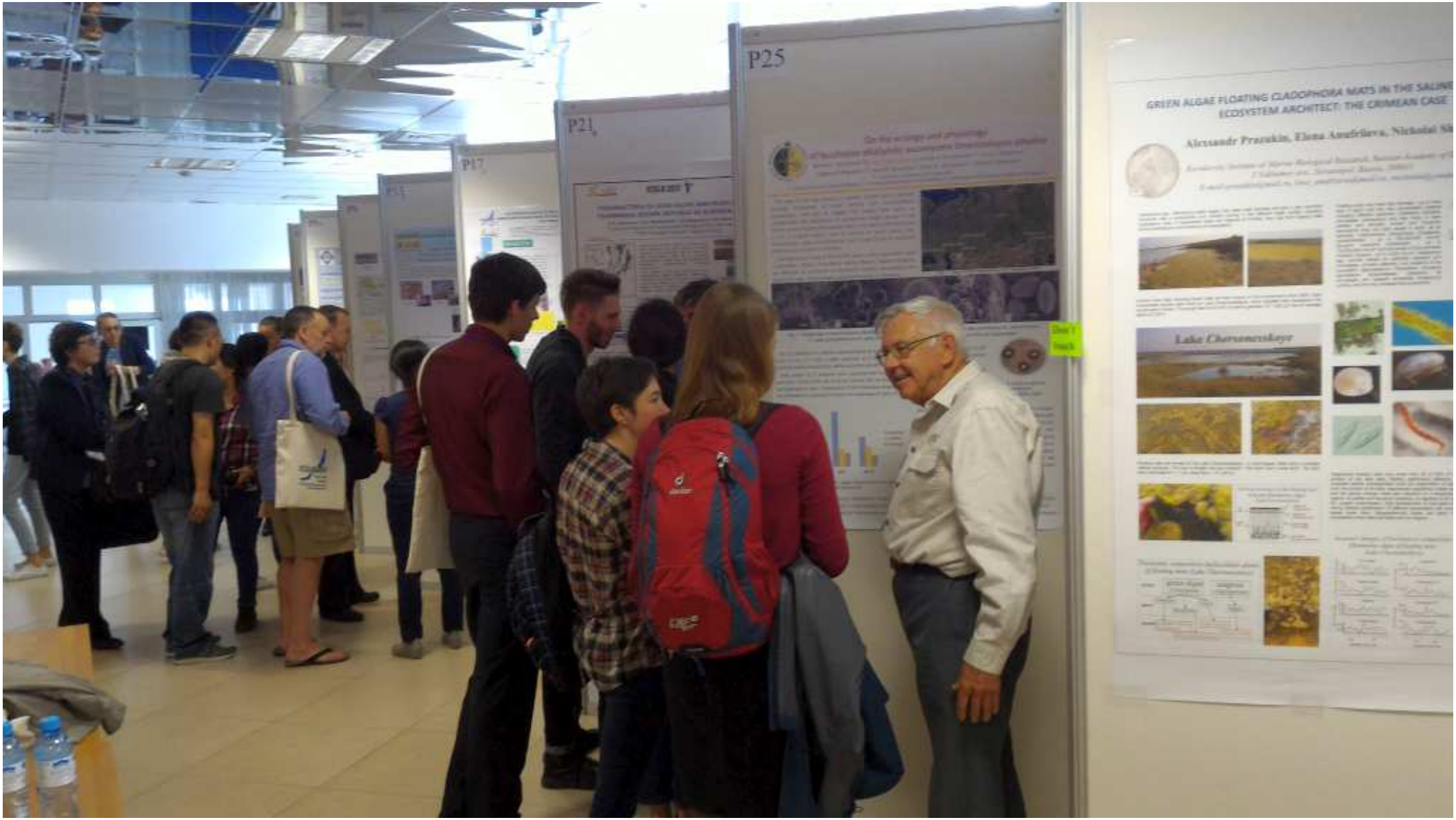


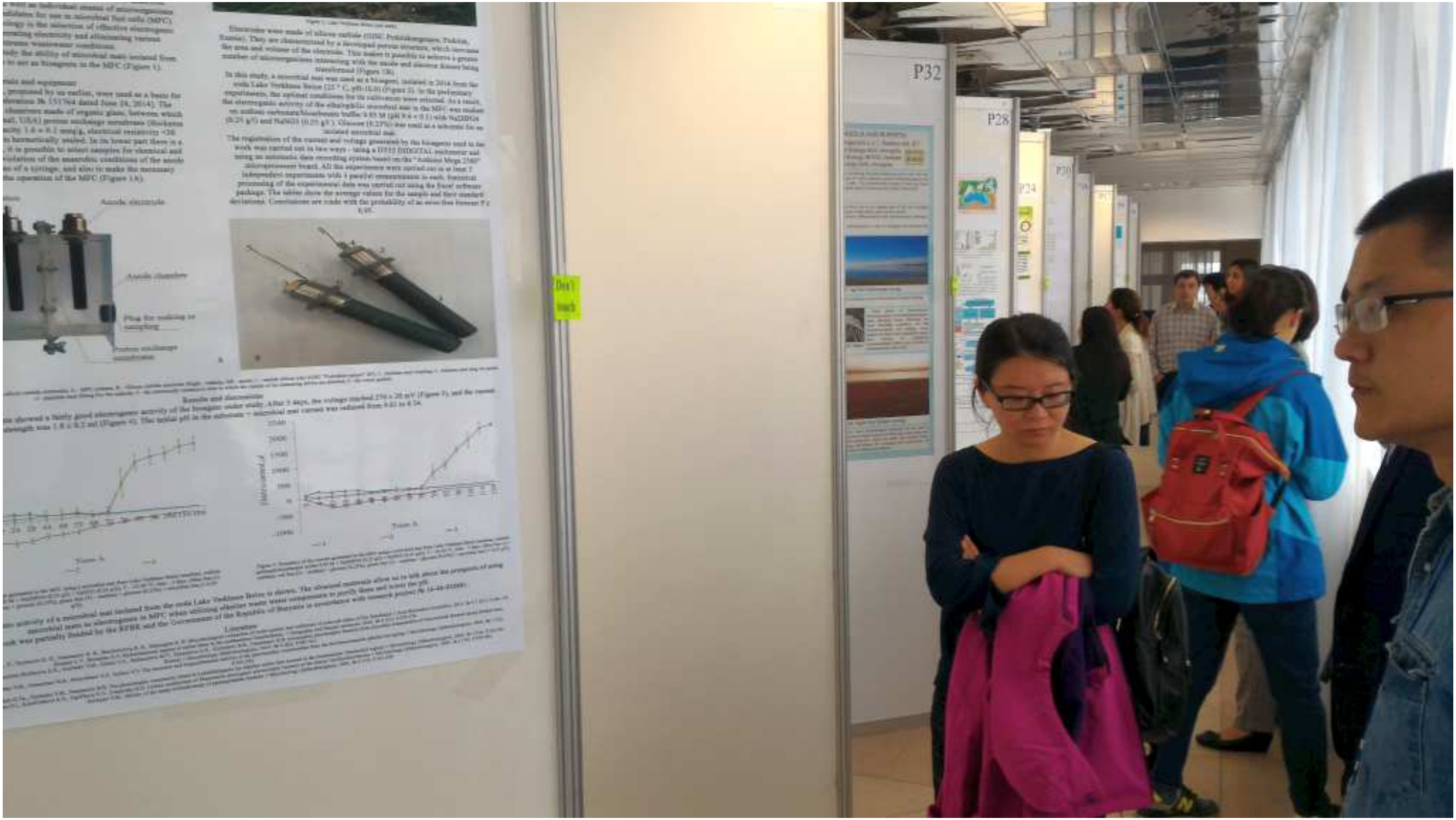

ПЕРВОМУ
ВУРГАНСКОМУ
УЧИТЕЛЮ
ДОРОФЕЮ
ПАНЗАРОБУ

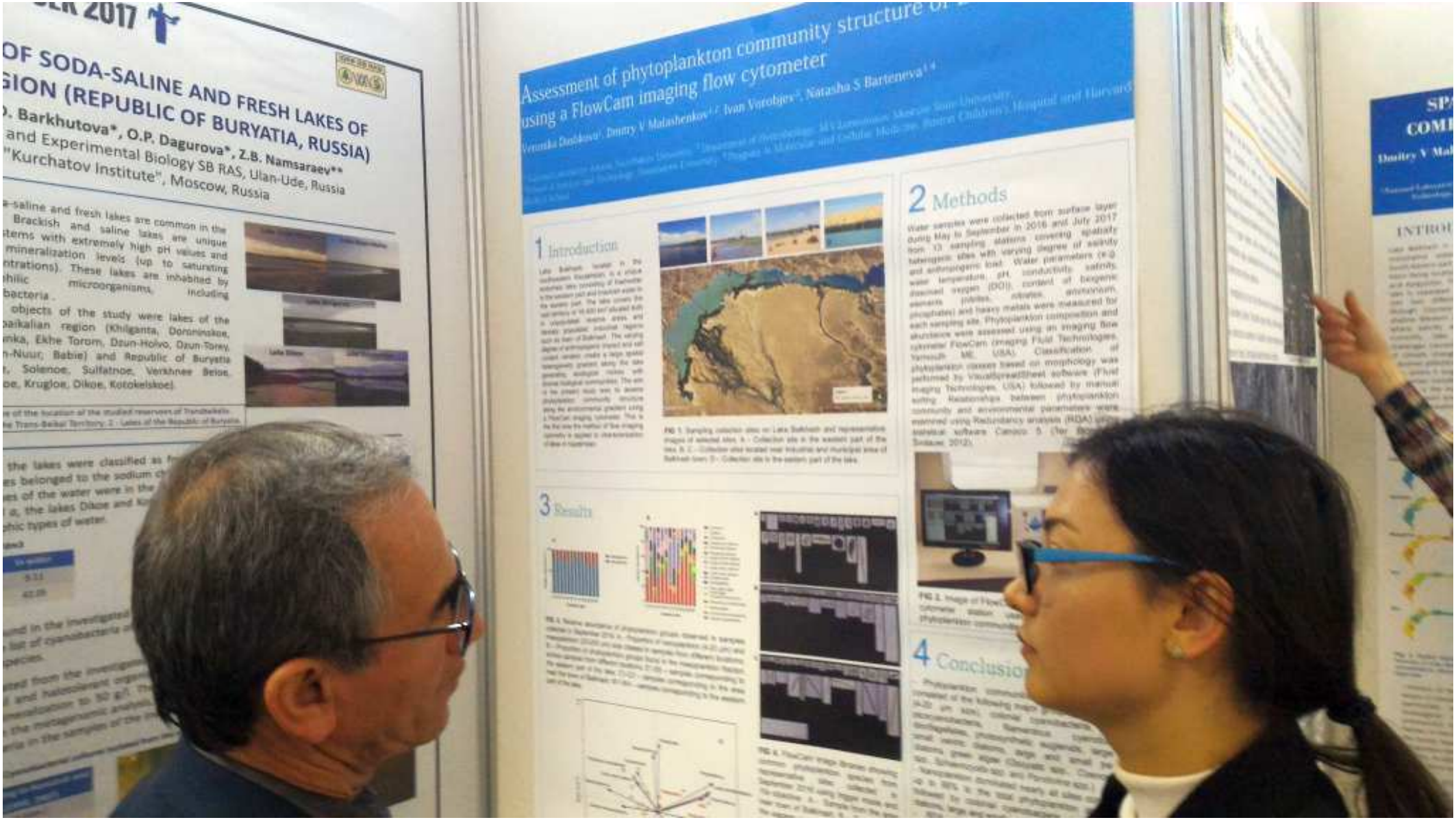

ICSLR
Archaea and Bacteria Diversity
along an Increasing Salt Gradient in
Alkaline Lakes
Svetlana Zaitseva
Elena Abidueva
Olga Dagurova
Aryuna Radnagurueva
and Soktо Bazarov
Laboratory of microbiology
Institute of General and Experimental Biology SB RAS


3D numerical simulation of flow and
salinity regimes in Lake Urmia
Hennuati M.
Pirani Z., Ahmadi H.
Urmia Lake Research Institute


Numerical modeling of Saltwater Wedge Under Intruding and
Receding Conditions


P25
P21
P17
GREEN ALGAE FLOATING CLADOPHORA MATS IN THE SALINE
ECOSYSTEM ARCHITECT: THE CRIMEAN CASE
Lake Chervonoiskoye


P32
P28
P24
Don't touch


OF SODA-SALINE AND FRESH LAKES OF
GION (REPUBLIC OF BURYATIA, RUSSIA)
. Barkhutova*, O.P. Dagurova*, Z.B. Namsaraev**
and Experimental Biology SB RAS, Ulan-Ude, Russia
"Kurchatov Institute", Moscow, Russia
Assessment of phytoplankton community structure
using a FlowCam imaging flow cytometer
1 Introduction
2 Methods
3 Results
4 Conclusion


ЗАКАЗНОЙ
RUS


БАЙКАЛЬСКИЙ ГОСУДАРСТВЕННЫЙ ПРИРОДНЫЙ БИОСФЕРНЫЙ ЗАПОВЕДНИК
ОХРАНА ПРИРОДЫ


Байкал
заповедный
визит-центр

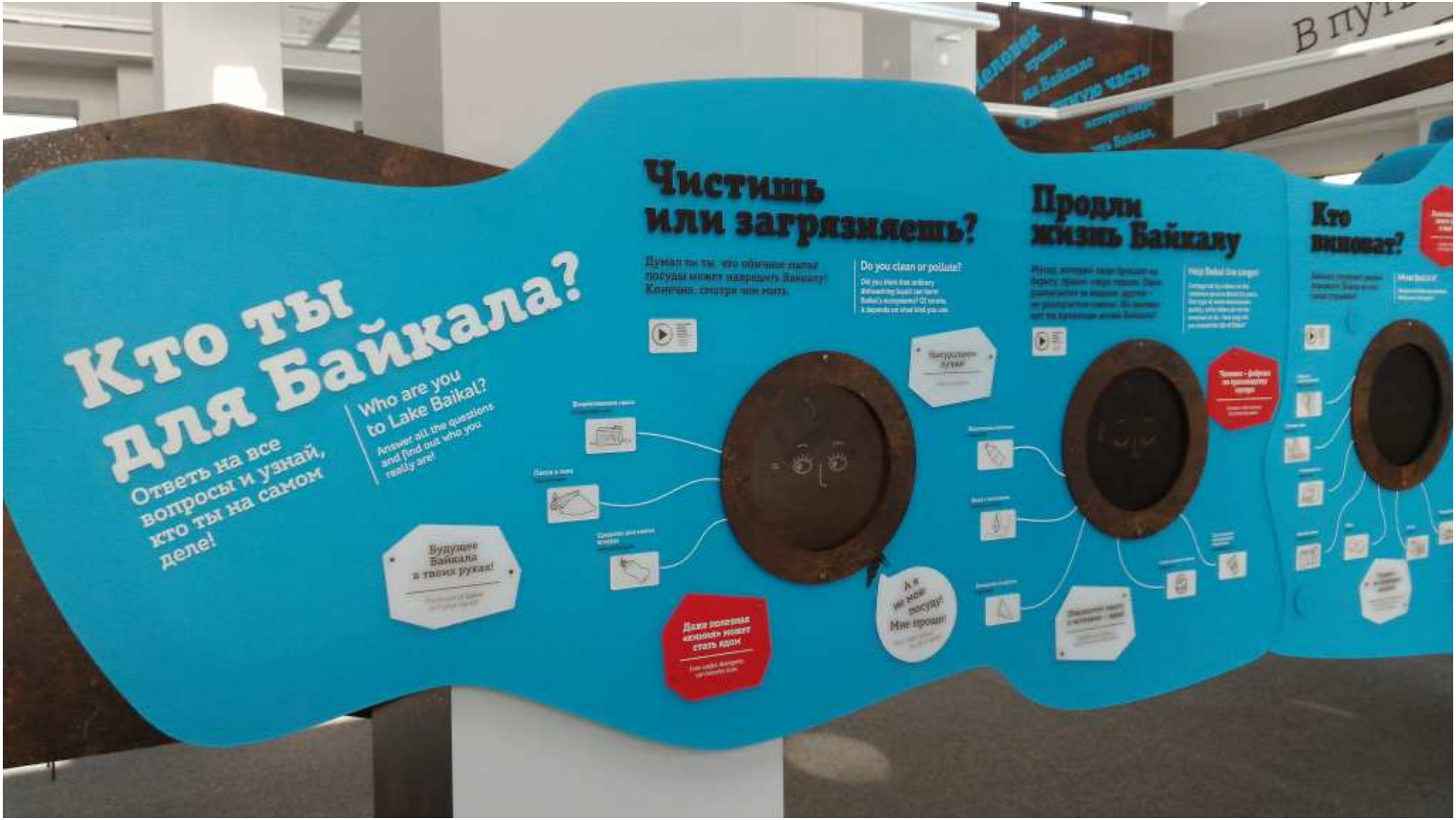

Байкальский
чёрный хариус
Самец в брачном наряде
Male black Baikal
grayling in mating colors
Омуль
байкальский
Baikal omul


Байкальская желтокрылка
Самец в брачном наряде
Male yellow-fin Baikal sculpins in mating colors
Большая голомянка
Big Baikal oilfish


Vladivostok


Irkutsk
Chita
AMUR
Yuzhno-Sakhalinsk
Vladivostok
Sea of Japan


ФЕДЕРАЛЬНАЯ
ОСОБО ОХРАН
ПРИРОДНЫХ ТЕ
РОССИЙСКОЙ
102
47
68

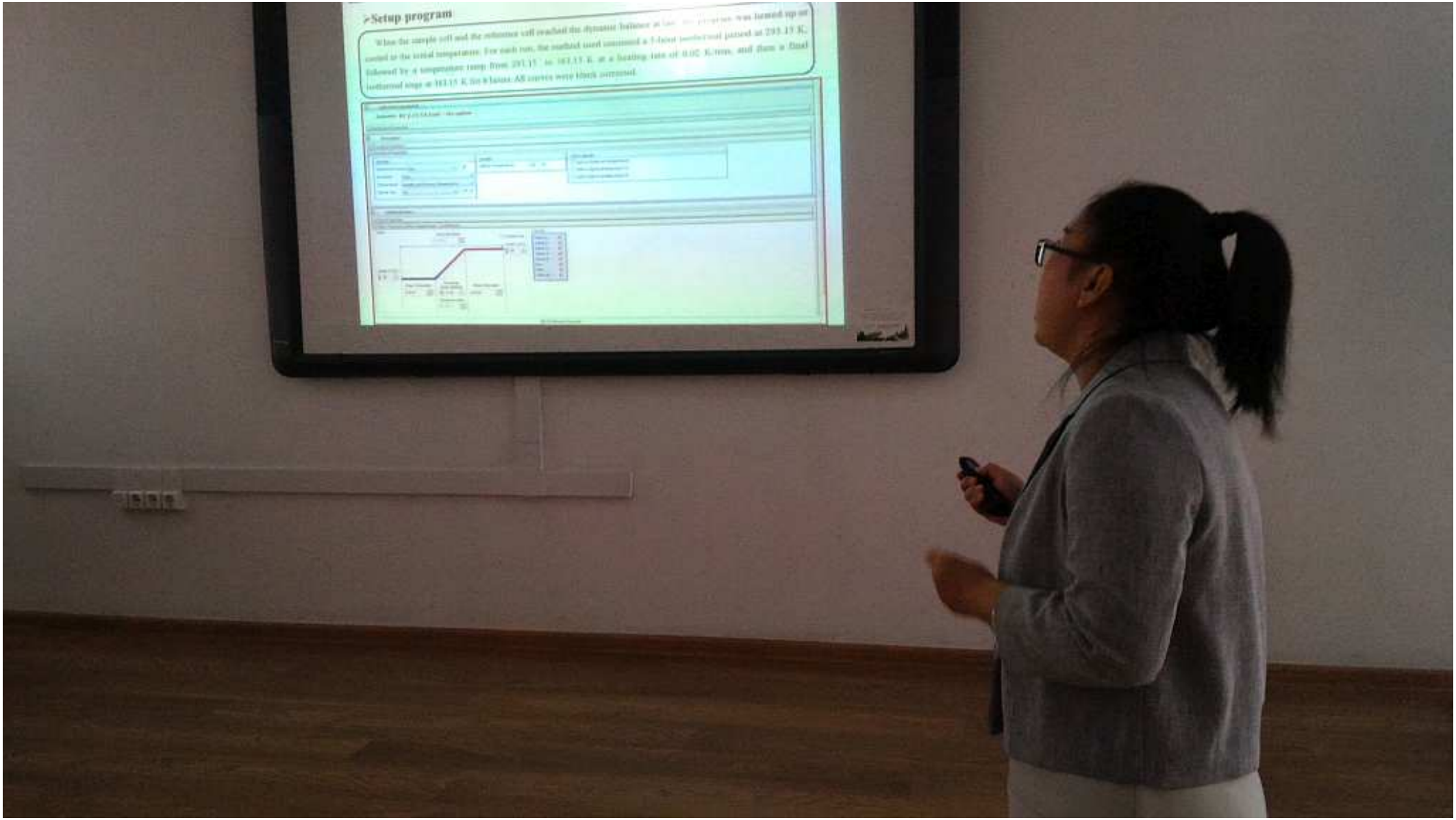

Кто ты для Байкала?
Ответь на все вопросы и узнай, кто ты на самом деле!
Who are you to Lake Baikal?
Answer all the questions and find out who you really are!
Будущее Байкала в твоих руках!
Чистишь или загрязняешь?
Думая ли ты, что обычное мытье посуды может навредить Байкалу? Конечно, смотря чем мыть.
Do you clean or pollute?
Даже капелька «живого» может стать ядом
А я не мою посуду! Мне прощи
Продли жизнь Байкалу
Кто виноват?

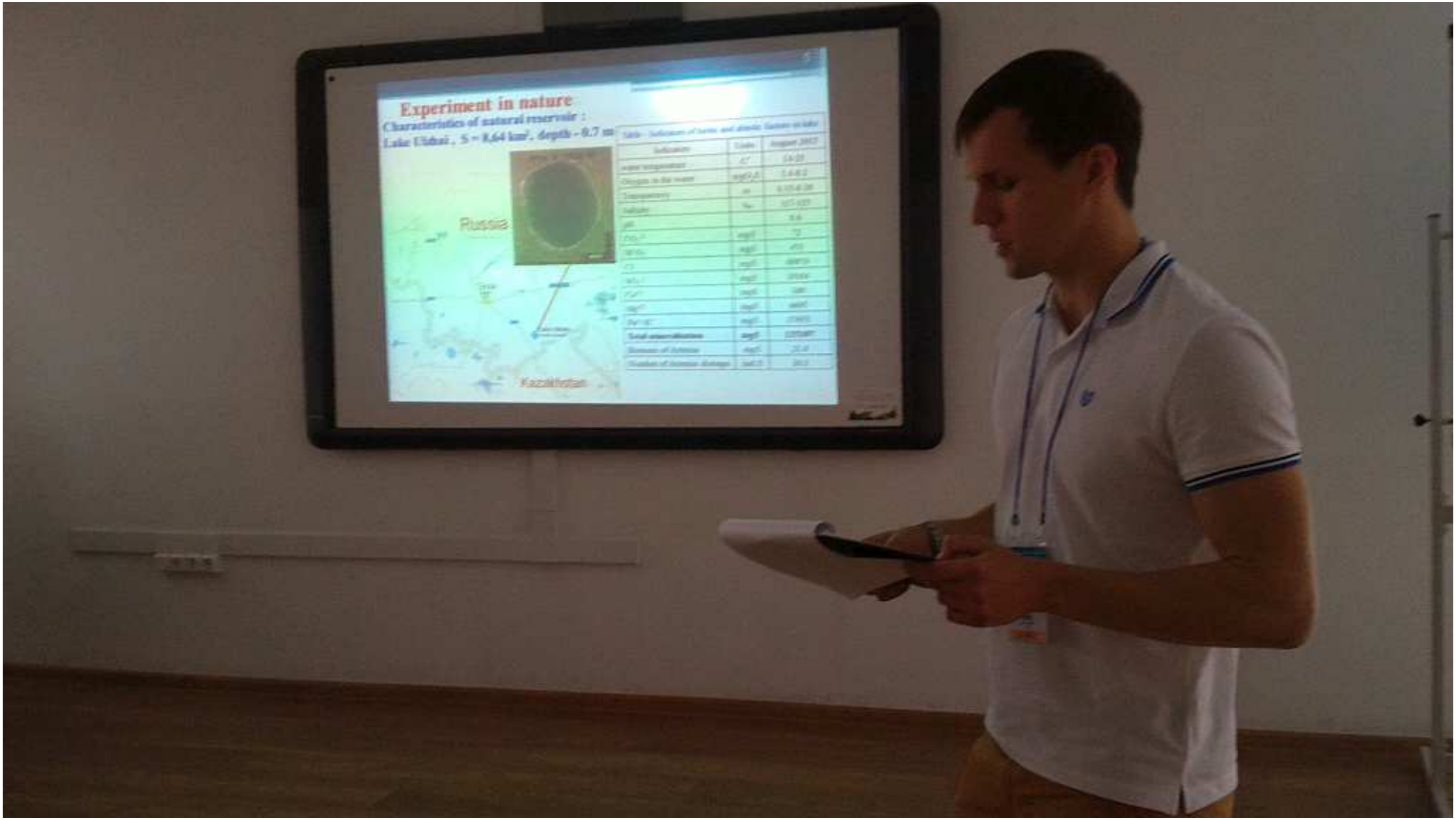

Это сделали люди
Мина замедленного действия
Задумайтесь о будущем!

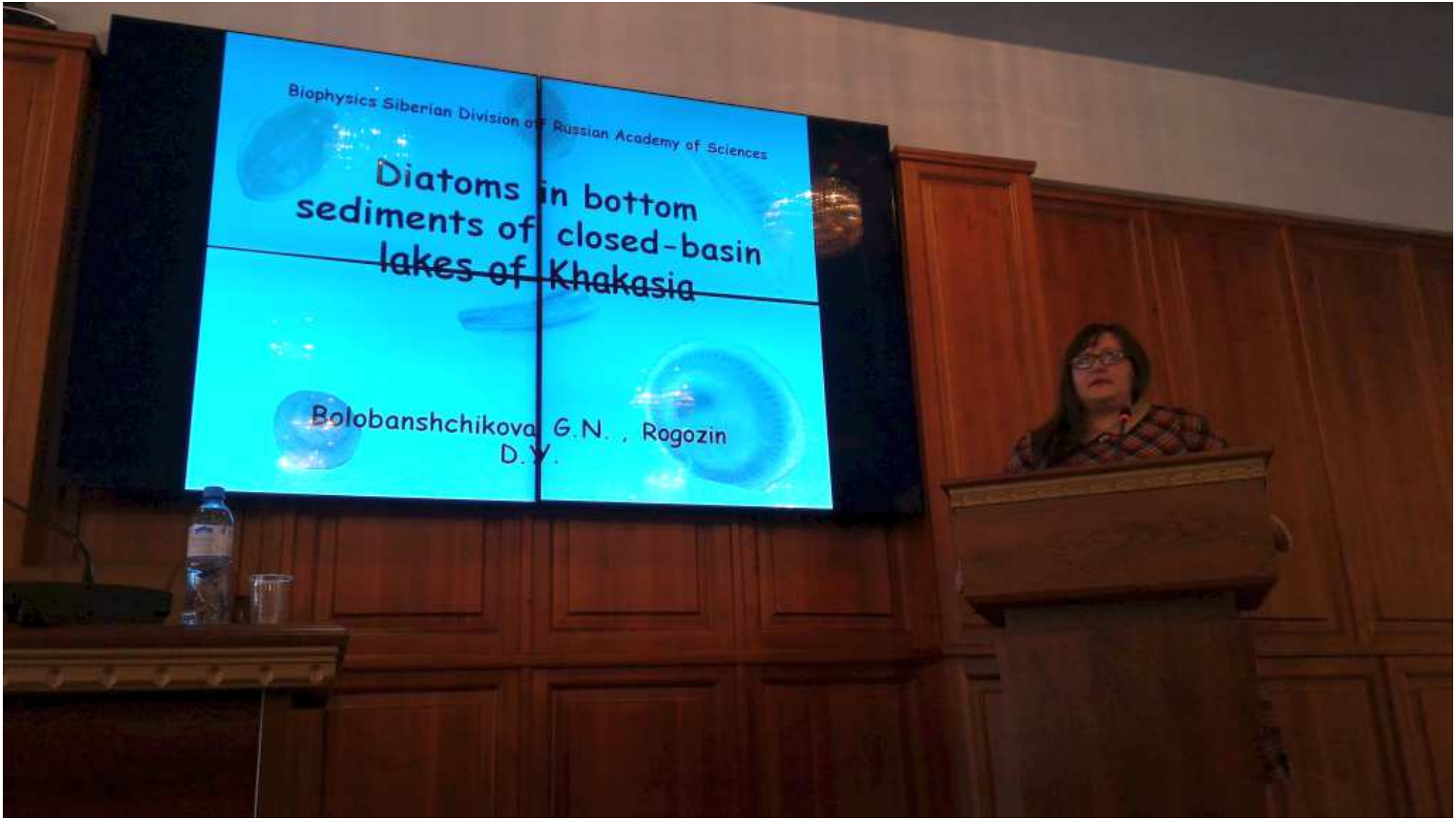

Байкал заповедный

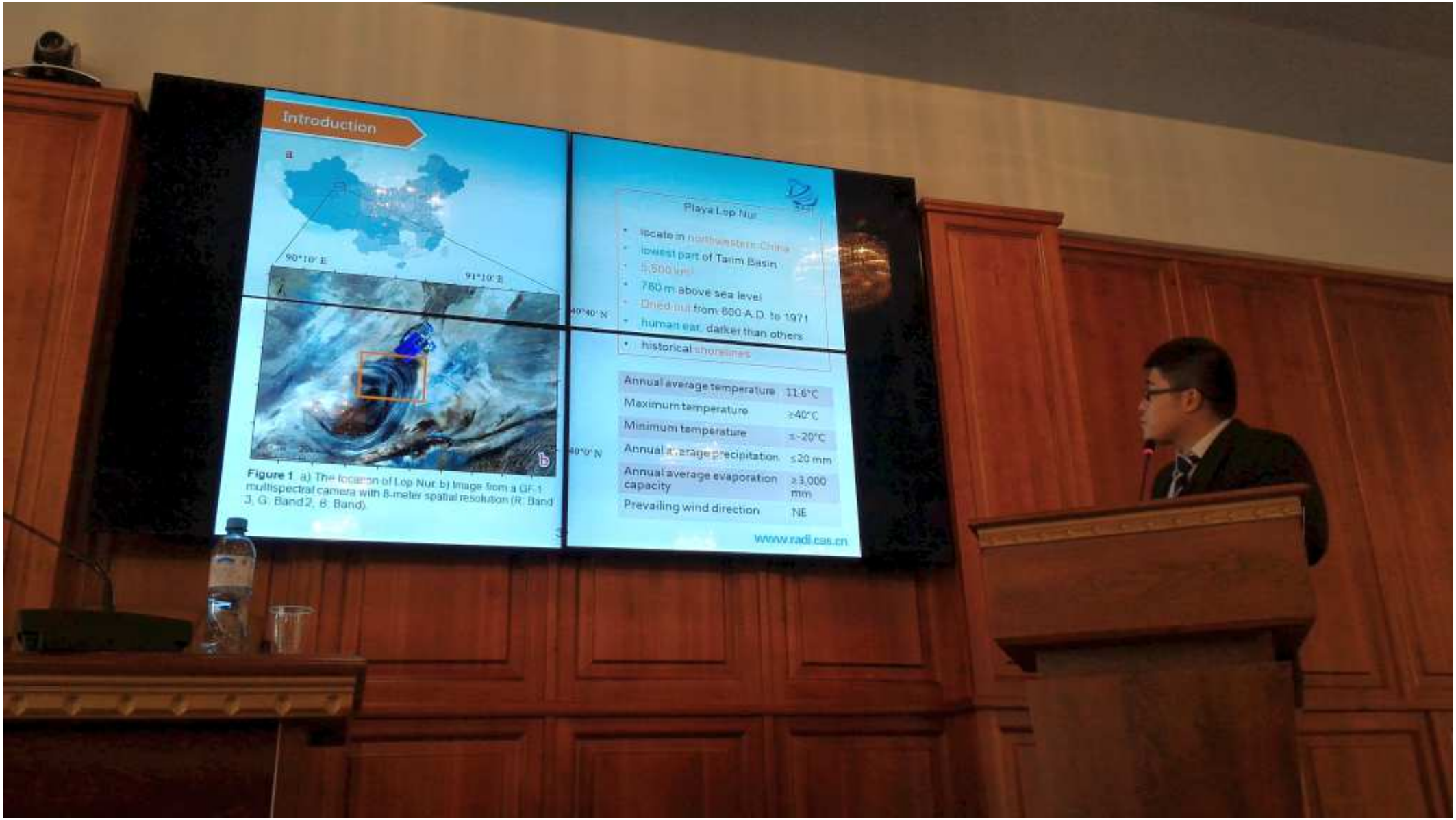

Today the Dead Sea Works (Israel) and the Arab Potash Company (Jordan) exploit the mineral resources of the Dead Sea and produce potash, bromine, elemental magnesium, and halite, based on processes established during the pioneering work of Moshe Novomeysky


Tianjin Univ. Sci. & Technol.
Established Database
on the Salt-water Systems
website: www.ourwaystd.com


➢Setup program

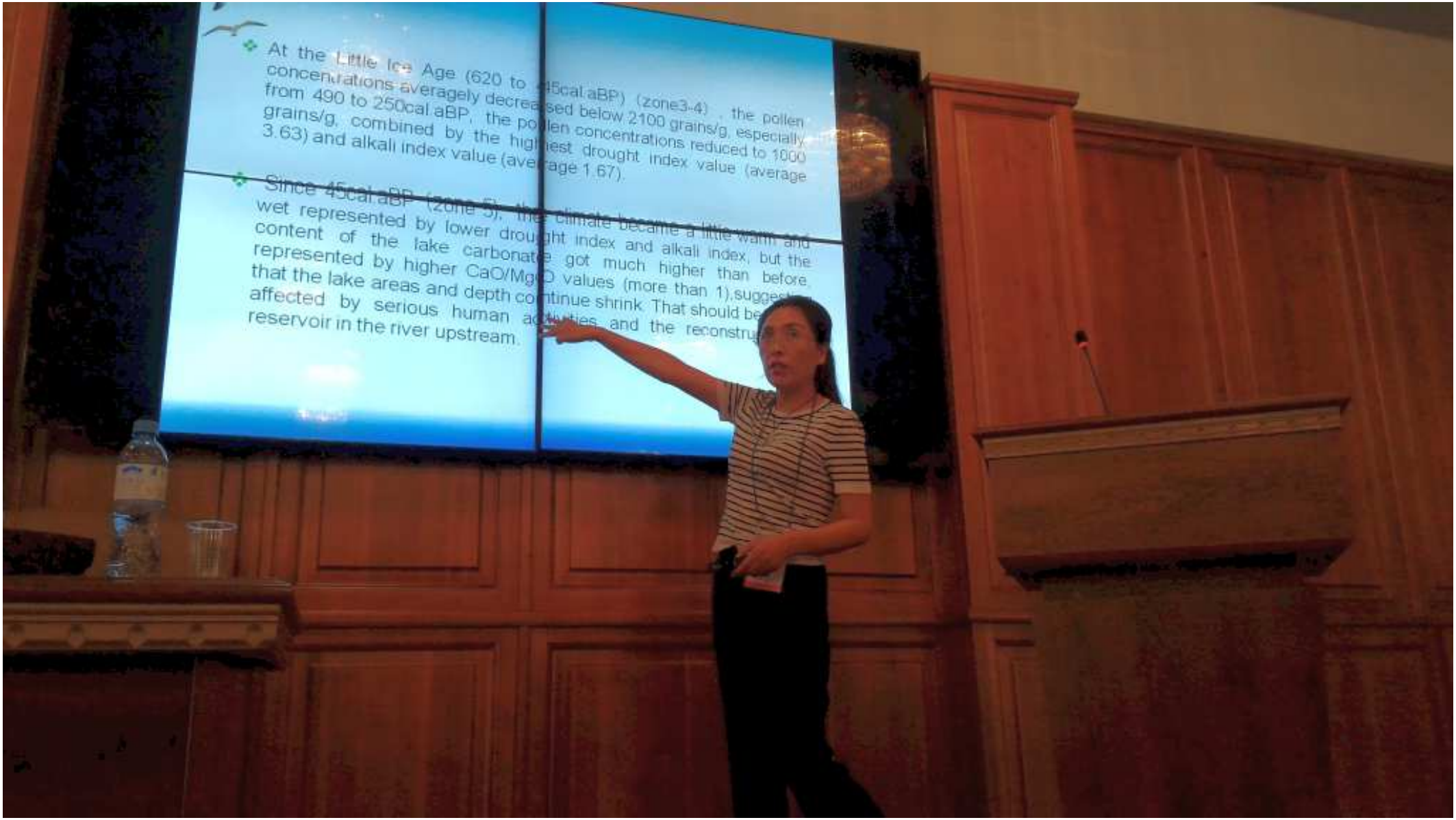

Experiment in nature
Characteristics of natural reservoir :
Russia
Kazakhstan


Biophysics Siberian Division of Russian Academy of Sciences
Diatoms in bottom sediments of closed-basin lakes of Khakasia
Bolobanshchikova G.N., Rogozin D.Y.


Introduction
a
90°10' E
91°10' E
40°40' N
40°0' N
b
Figure 1. a) The location of Lop Nur. b) Image from a GF-1 multispectral camera with 8-meter spatial resolution (R: Band 3, G: Band 2, B: Band).
Playa Lop Nur
locate in northwestern China
lowest part of Tarim Basin
780 m above sea level
Dried up from 600 A.D. to 1971
human ear, darker than others
historical shorelines
Annual average temperature 11.6°C
Maximum temperature ≥40°C
Minimum temperature ≤-20°C
Annual average precipitation ≤20 mm
Annual average evaporation capacity ≥3,000 mm
Prevailing wind direction NE
www.radi.cas.cn


Lake
Shira


Institute of Remote Sensing and Digital Earth
Chinese Academy of Sciences
Polarimetric SAR Data for Subsurface Lacustrine Deposits Detection and Evolution of the Vanished Lake Lop Nur
Yun Shao, Huaze Gong, Yuyang Geng
Institute of Remote Sensing and Digital Earth
Chinese Academy of Sciences
August 24 , 2017


At the Little Ice Age (620 to 45cal aBP) (zone3-4) , the pollen concentrations averagely decreased below 2100 grains/g, especially from 490 to 250cal aBP, the pollen concentrations reduced to 1000 grains/g, combined by the highest drought index value (average 3.63) and alkali index value (average 1.67).
Since 45cal aBP (zone 5), the climate became a little warm and wet represented by lower drought index and alkali index, but the content of the lake carbonate got much higher than before represented by higher CaO/MgO values (more than 1),suggesting that the lake areas and depth continue shrink That should be affected by serious human activities and the reconstruc reservoir in the river upstream.


Canon

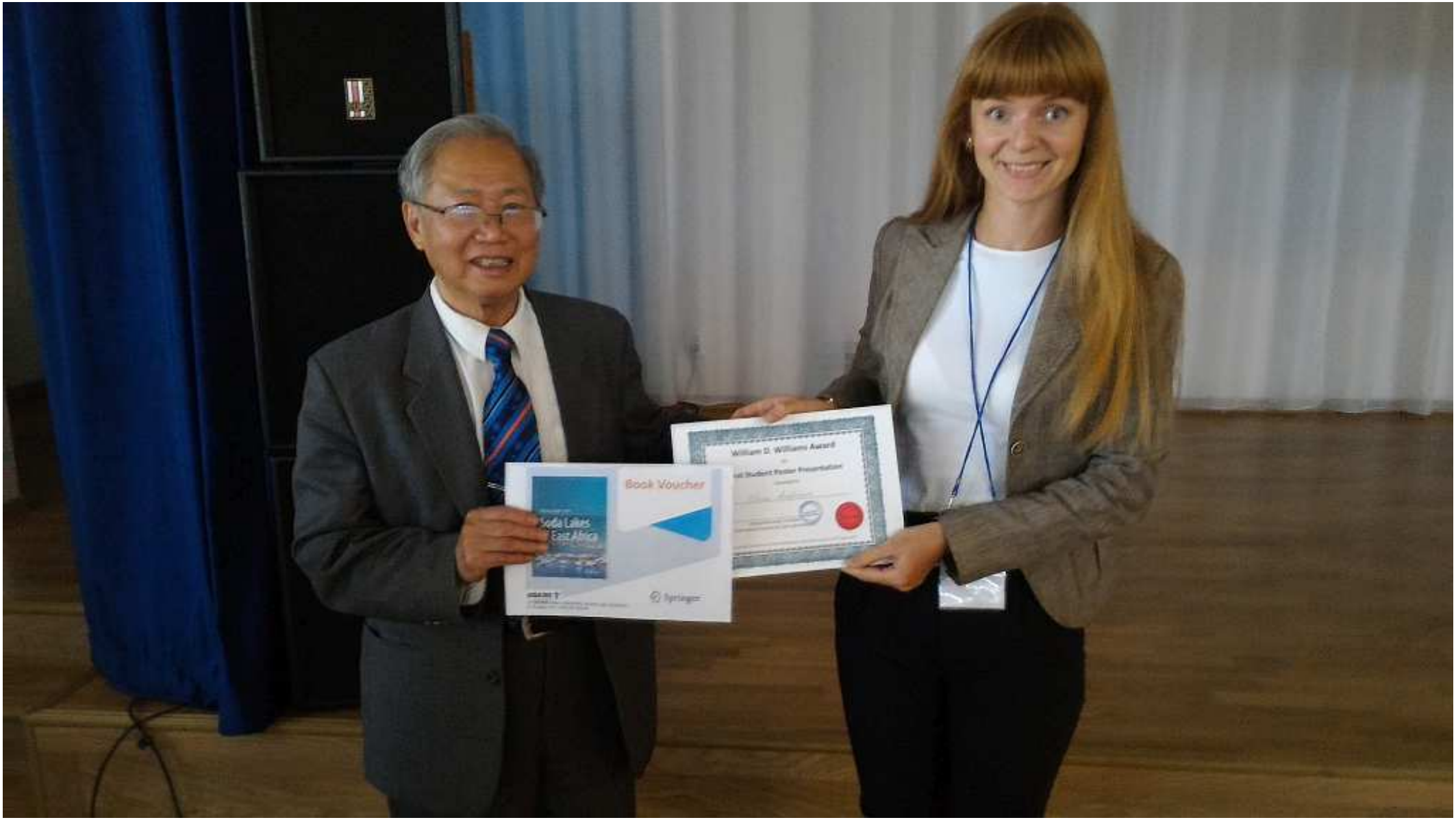

Travel Award
Attend the 13th International Conference
on Salt Lake Research
Lucila Belén Castro


Travel Award
Attila Szabo
1993
BLEND Denim


SALINOLOGY AWARD
Winner of Best Poster Presentation


Travel Award
Veronika Dashkova


SALINOLOGY AWARD
Winner of Best Oral Presentation


William D. Williams Award
Book Voucher
Springer


Ecology of
Meromictic
Lakes


on Salt Lake Research


carbon.
producing or consuming CO_2.
sulphur cycle.
cycle.
Red - activity linked to iron cycle.
Chemocline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