

The background of the slide is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance.

MICROPLASTIC IS THE MARCO PROBLEM OF THE WORLD OCEAN

BLINOVSKAYA YANA

MARITIME STATE UNIVERSITY NAMED AFTER ADMIRAL G. I. NEVELSKOY, VLADIVOSTOK, RUSSIA

QINGDAO, 2015

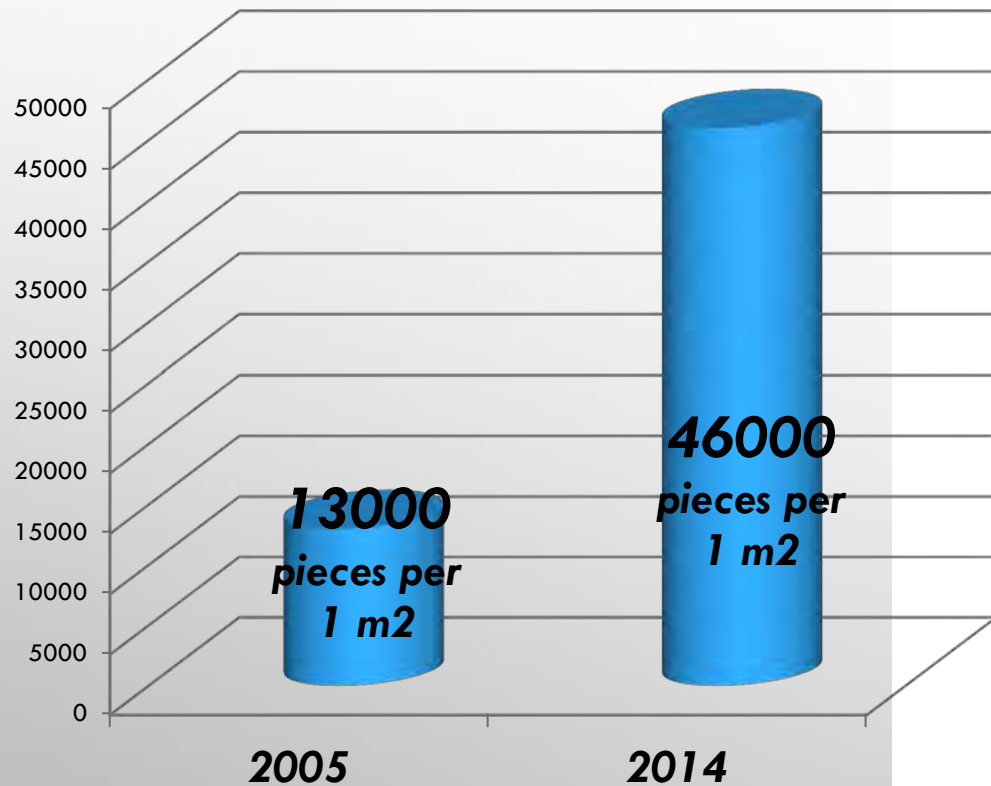
PRESERVATION OF THE ENVIRONMENT IS BECOMING AN OVERRIDING PRIORITY FOR MANY AREAS AND NATIONS



«...ONCE YOU GOT IN THE MORNING, WASHED AND TIDIED YOURSELF UP – SWEEP UP A MESS ON YOUR PLANET» - THE LITTLE PRINCE.



Plastic



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Environment Under Review

Introduction

UNEP Live
UNEP Live is a global knowledge management platform that meets the universal demand for environmental information and data at global, regional, national and local levels to keep the environment under review. It provides a UNEP-wide system to track progress towards meeting global environmental goals; enhances coordination within the UN family and enables collaboration amongst communities of practice, experts, indigenous peoples and civil society.
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UNEP's Environment Under Review Sub-Programme

The Environment Under Review sub programme aims to contribute to sustainable development and improved well-being through empowering stakeholders at global, regional and national levels. It aims to do this by providing open web platforms, services and access to timely, substantiated knowledge about the environment and emerging issues and by strengthening capacities to make use of substantiated knowledge in decision-making. To do this, the work of the sub-programme will build on existing investments and efforts, successful activities, networks and partnerships, recognized good practices and comparative advantage of UNEP in the areas of data analysis and assessments.

Highlights | OAPE

MARINE LITTER PROBLEM



MICROPLASTIC GENERATION

Fragments used in consumer goods
with sewage water

Bigger garbage weathering in
marine and littoral environment



POLYMER DEGRADATION

- BIODEGRADATION;
- PHOTODEGRADATION;
- THERMO-OXIDATIVE DEGRADATION;
- HYDROLYSIS.



Maritime spatial planning - HE x

www.helcom.fi/action-areas/maritime-spatial-planning

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HELCOM-VASAB Maritime Spatial Planning Working Group

Horizontal Action Spatial Planning

Country fact sheets

MARITIME SPATIAL PLANNING

... Maritime spatial planning - Allows authors to enter rich text content.

LATEST NEWS

2.10.2015 - New Guideline adopted on ecosystem-based approach in maritime spatial planning in the Baltic Sea

1.10.2015 - Cross-border planning of the Baltic Sea moves ahead

29.9.2015 - HELCOM's ship data used for planning the Baltic Sea

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Петербургскую воду прое x

gas-eco.ru/news/09-04-15.shtml

GAS·ECO

Наша миссия → Наши продукты → Наши контакты → Сделать заказ →

Не секрет, что полностью чистых территорий в нашей стране, да и во всем мире, практически не осталось.

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→ Скруббера
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моб.: +7 (903) 708-02-54

Подробнее



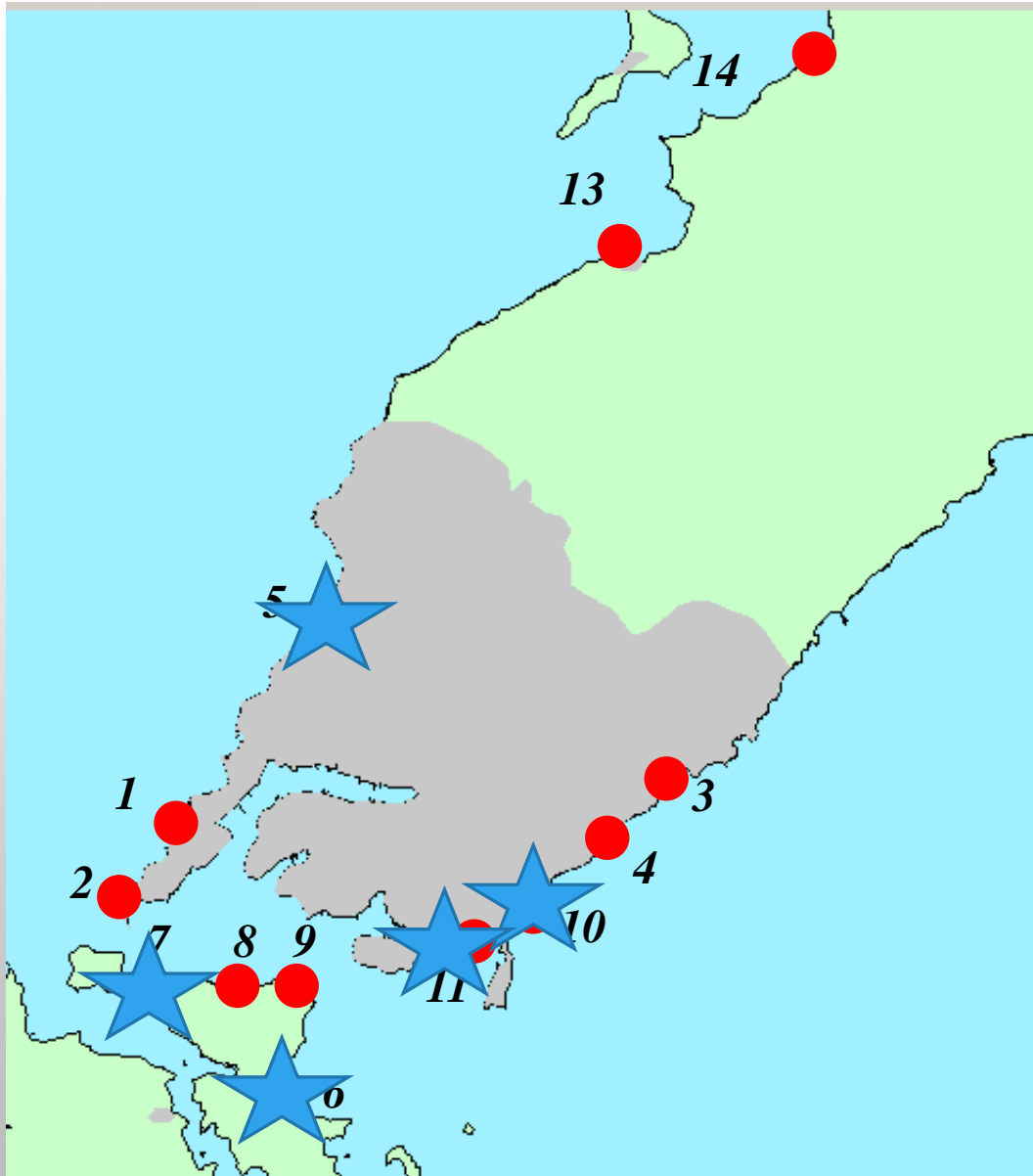
Петербургскую воду проверили на наличие микропластика

ГУП «Водоканал Санкт-Петербурга» и Хельсинкская комиссия в рамках совместной деятельности по оздоровлению Балтийского моря провели исследование по определению микропластика в сточных водах на канализационных очистных сооружениях Северной столицы.

Микропластик - это мелкие фрагменты, которые образуются из-за распада пластмассовых предметов, попавших в воду. Микропластик забивает жабры рыб, что приводит к их гибели. Кроме того, микропластик может попадать и в организм человека.

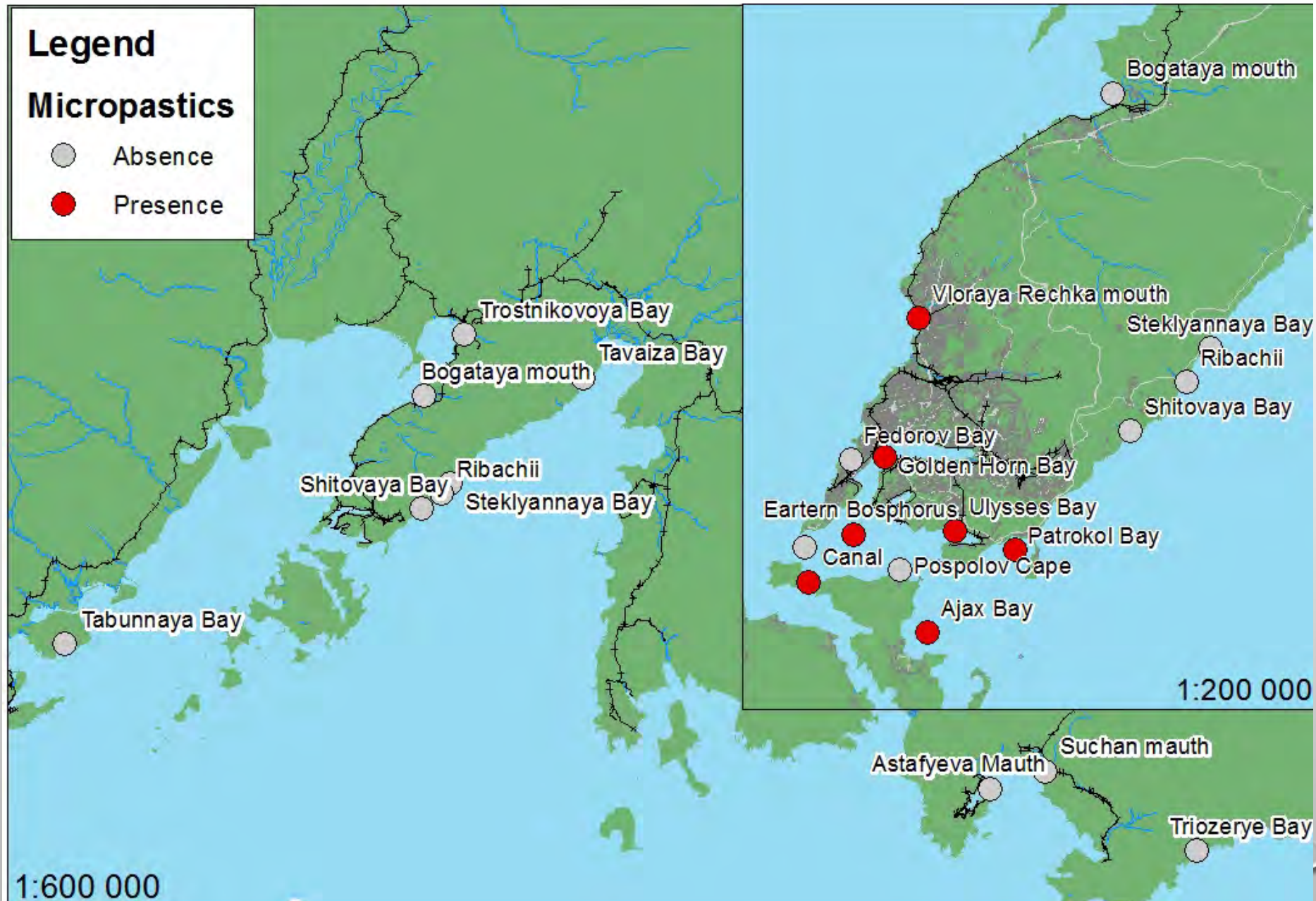
Для проведения исследований по определению микропластика в сточных водах на канализационных очистных сооружениях Санкт-Петербурга проводился отбор проб воды на входе на очистные сооружения, в процессе очистки и уже очищенной, сбрасываемой в

MICROPLASTIC MONITORING SITES, 2014

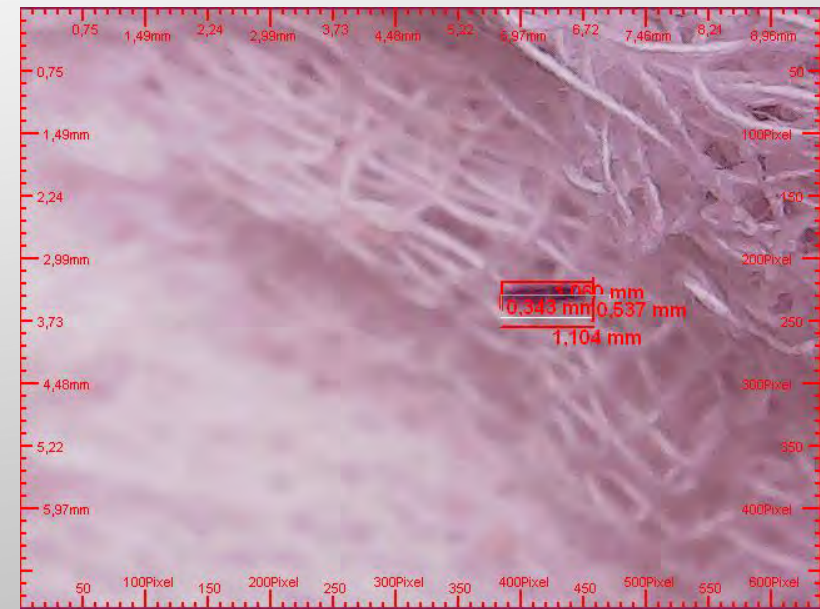
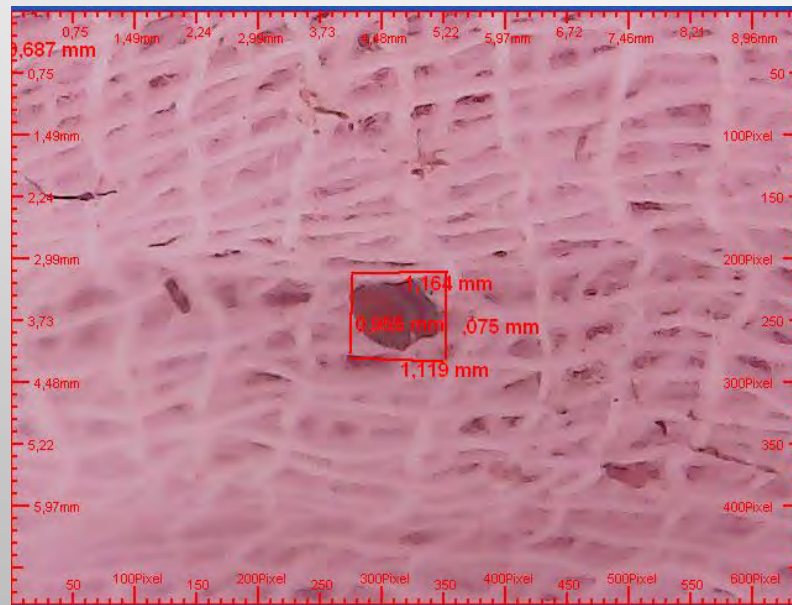
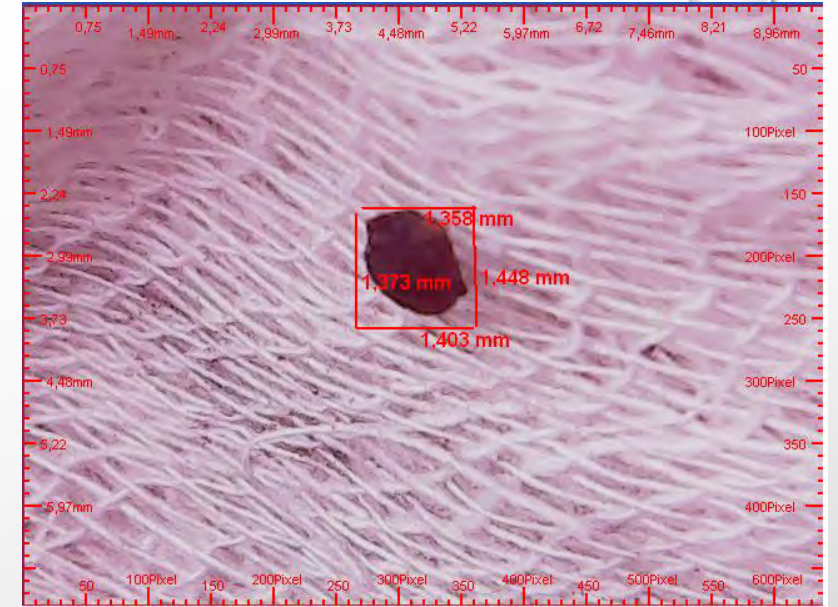
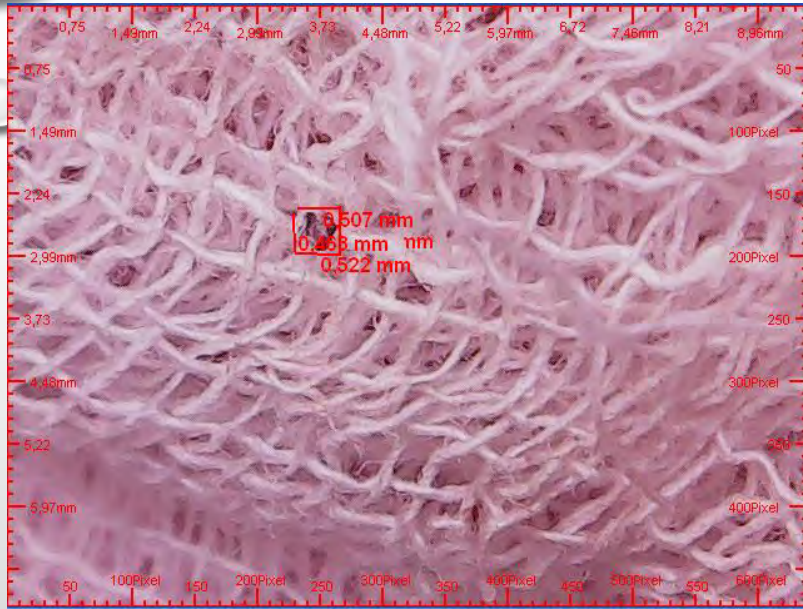


1. Fedorova bay (Vladivostok);
2. Tokarevsky lighthouse;
3. Steklyannaya bay;
4. Gornostay bay;
5. Vtoraya rechka mouth;
6. Ayaks bay;
7. Channel;
8. Pospelova cape
9. Bosfor Vostochny strait;
10. Patrokl bay;
11. Uliss bay;
12. Bogataya river mouth
13. Uglovoy bay
14. Ussuriysk bay

MICROPLASTIC MONITORING SITES, 2015



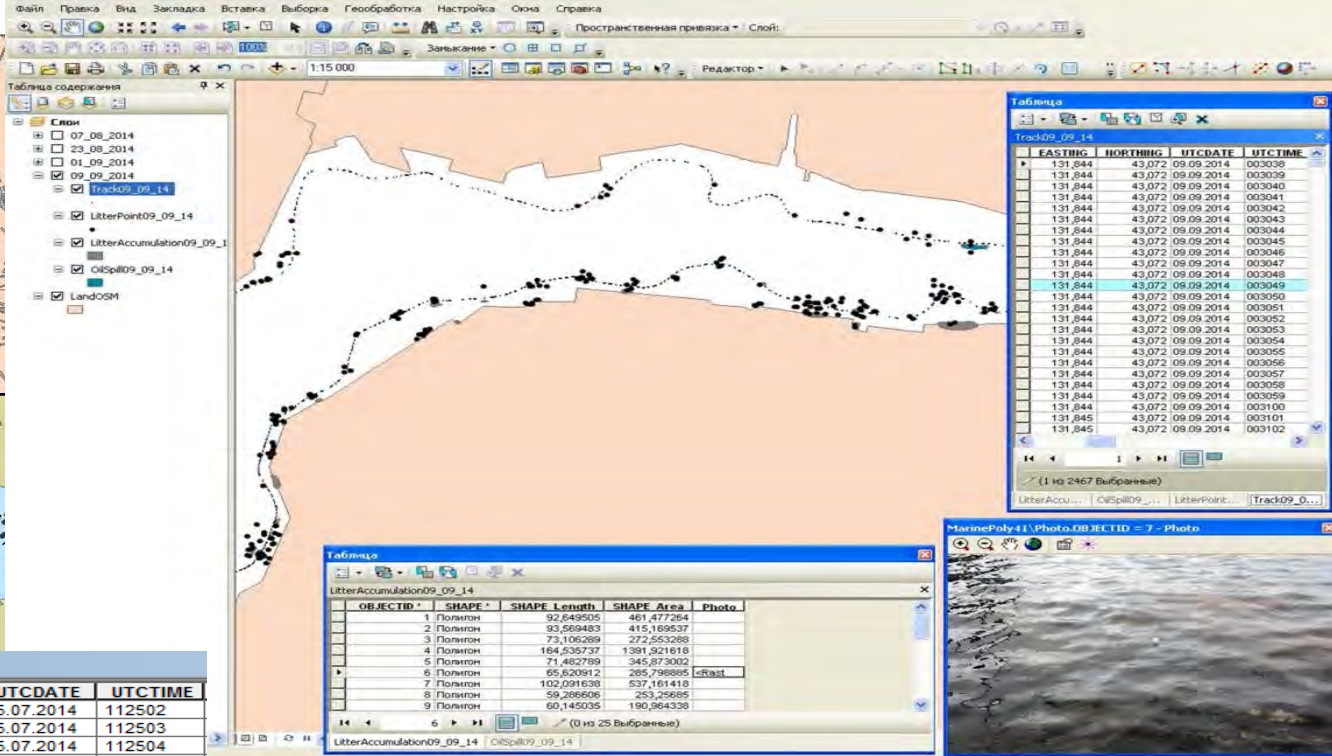
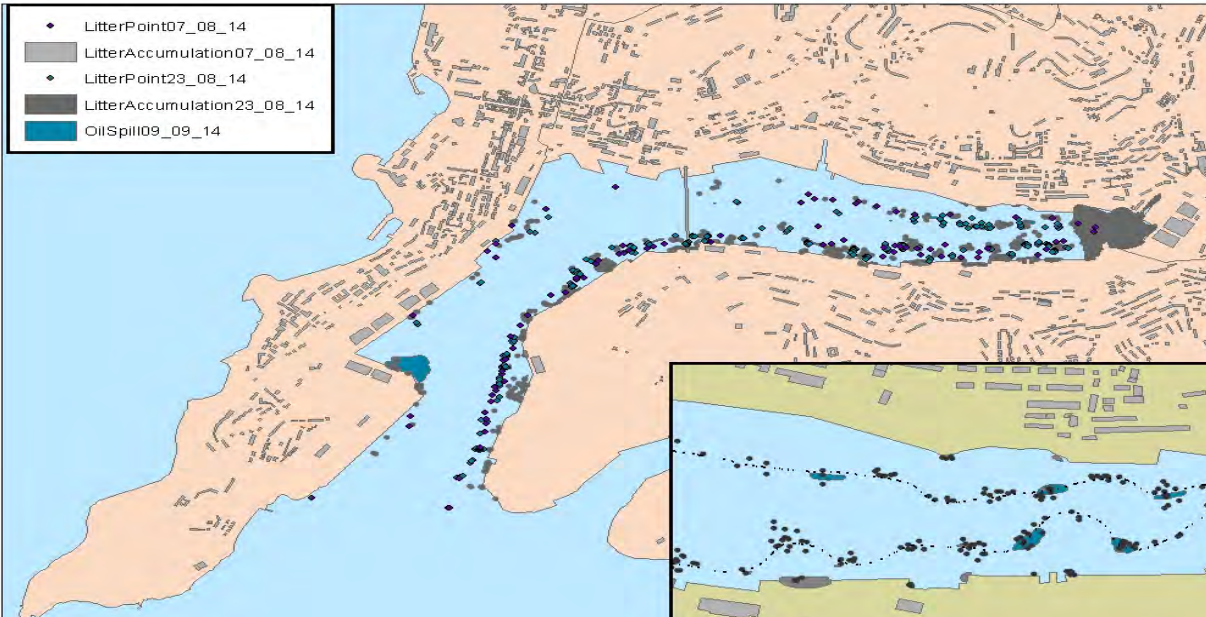
MICROPLASTIC SAMPLES



INSTITUTE FLOATING LABORATORY



MARINE LITTER MAPPING



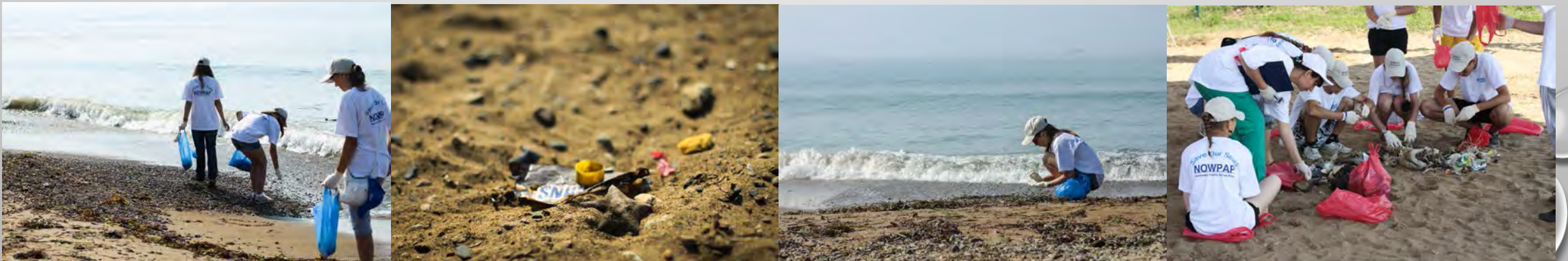
Track07_08_14							
Shape	LATITUDE	LONGITUDE	ALTITUDE	EASTING	NORTHING	UTCDATE	UTCTIME
Точка ZM	43,172753	131,9204	0	131,92	43,173	15.07.2014	112502
Точка ZM	43,172752	131,920392	0	131,92	43,173	15.07.2014	112503
Точка ZM	43,172752	131,920397	0	131,92	43,173	15.07.2014	112504
Точка ZM	43,172752	131,920407	0	131,92	43,173	15.07.2014	112505
Точка ZM	43,17275	131,920415	0	131,92	43,173	15.07.2014	112506
Точка ZM	43,172752	131,920428	0	131,92	43,173	15.07.2014	112507
Точка ZM	43,172752	131,920412	0	131,92	43,173	15.07.2014	112508
Точка ZM	43,17275	131,92038	0	131,92	43,173	15.07.2014	112509
Точка ZM	43,172747	131,920357	0	131,92	43,173	15.07.2014	112510
Точка ZM	43,172743	131,920348	0	131,92	43,173	15.07.2014	112511
Точка ZM	43,172742	131,920345	0	131,92	43,173	15.07.2014	112512
Точка ZM	43,17274	131,92034	0	131,92	43,173	15.07.2014	112513
Точка ZM	43,172738	131,920335	0	131,92	43,173	15.07.2014	112514
Точка ZM	43,172737	131,920338	0	131,92	43,173	15.07.2014	112515
Точка ZM	43,172735	131,920345	0	131,92	43,173	15.07.2014	112516
Точка ZM	43,172733	131,920342	0	131,92	43,173	15.07.2014	112517
Точка ZM	43,172732	131,920335	0	131,92	43,173	15.07.2014	112518
Точка ZM	43,17273	131,920325	0	131,92	43,173	15.07.2014	112519
Точка ZM	43,172728	131,920313	0	131,92	43,173	15.07.2014	112520
Точка ZM	43,172728	131,920302	0	131,92	43,173	15.07.2014	112521
Точка ZM	43,172727	131,920287	0	131,92	43,173	15.07.2014	112522
Точка ZM	43,172725	131,920275	0	131,92	43,173	15.07.2014	112523
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Точка ZM	43,172725	131,92026	0	131,92	43,173	15.07.2014	112525
Точка ZM	43,172725	131,920258	0	131,92	43,173	15.07.2014	112526
Точка ZM	43,172725	131,920255	0	131,92	43,173	15.07.2014	112527

MICROPLASTIC IN COASTAL GROUND



SOME RESULTS:

- Environmental education for the public at large.
- Drawing administrative establishments' attention to the coastal area littering issues.
- Hands-on involvement of school children, university students, master's students, and post-graduate students in scientific research activities.
- Altering consumption-focused attitudes by both individuals and groups of people towards the environment



Thanks a lot for your
attention!

