



# SMART PRACTICES (II)

*University of Social Sciences (SAN)  
Łódź, Poland*

Athens 11-12.05.2018



## PLASTIC - UNKNOWN THREAT TO COAST

<http://www.iopan.gda.pl/projects/NaukaObywatelska/4.html>

- Project coordinated by LITORAL Foundation
- Under supervision of Sea Research Committee, Provincial Fund for Environmental Protection and the Institute of Oceanology of the Polish Academy of Sciences

*(Komitet Badań Morza, Wojewódzki Fundusz Ochrony Środowiska oraz Instytut Oceanologii Polskiej Akademii Nauk)*

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- The project has the nature of contributing scientific research, real research questions are asked, and the information obtained will be developed in a scientific form;
- The project is open to a wide range of interested person (you do not need to have a financial or laboratory background);
- The success depends on the number of participants, but also on the duration: it is best that the data are collected minimal for a year (ideally for many years);
- All results are visible on the Internet - everyone can use them.

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### **Goal:**

The researchers want to find out how big is the problem of plastic waste on the Polish coast and in what form the plastic appears.

Simple counting of plastic waste prior to chemical analysis will be very helpful to get answers to question: is our coast is in serious danger.



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### Method:

- Counting big (visible during the walk) plastic waste lying on the beach;  
Counting at any time of the year, at least on 1 km of beach in 100m sections;  
Listing for every 100 m of beach the waste in categories (bottles, bags, nets and other plastic waste);  
*The detailed guidelines are available on the project website.*



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### Result:

After being sent to IOPAN (Institute of Oceanology, Polish Academy of Sciences) data are placed in the database table and presented on the map.

Together with the surface current database, it will be possible to assess the degree of risk of plastic waste.



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The project is:

Accessible – everyone can participate; so special equipment needed;

Promotes ecological awareness;

Promotes involvement and builds the sense of agency;

Can be transferred to other fields.



## **FAMELAB (Talking Science) International Contest**

<http://www.famelab.org.pl/>

The project / contest is looking for a common language for scientists and society;

To develop this language a dialogue is needed;

Hence the idea for the contest: FameLab





## **FAMELAB (Talking Science) International Contest**

<http://www.famelab.org.pl/>

- FameLab is an international competition, during which the scientists stand in front of the audience and talk about their research passions for 3 minutes;
- The competition teaches how to talk in a understandable way about difficult things;
- Teaches to communicate with the public and build a bond that will help society to believe in the power of science;
- Teaches critical thinking and asking questions - the audience interacts with the presenter.

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## **FAMELAB (Talking Science) International Contest**

<http://www.famelab.org.pl/>

- The speeches of scientists are evaluated in three categories: clarity, content, charisma;
- Researchers gain the skills to build their communication skills permanently.

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## **FAMELAB (Talking Science) International Contest**

<http://www.famelab.org.pl/>

- Within 6 years of duration, about 500 researchers applied for the competition;
- Thanks to the competition, more than 60 researchers have learned how to use the language understandable to the general public;
- Many of them (FameLabers) became science promoters, while being active researchers.

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## **FAMELAB (Talking Science) International Contest**

<http://www.famelab.org.pl/>

- Participants who qualify for the finals take part in professional MasterClass training.
- This is an intensive course in the field of scientific communication, self-presentation and public speaking, run by British and Polish trainers.

<https://www.youtube.com/watch?v=uePyc5xlo5c>

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## **FAMELAB (Talking Science) International Contest**

<http://www.famelab.org.pl/>

- FameLab is a global format - it was born at the Cheltenham Science Festival in 2004.
- In Poland, it is organized by the Copernicus Science Center in partnership with the British Council since 2007.
- It is present in over 30 countries around the world.

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## **FAMELAB (Talking Science) International Contest**

<http://www.famelab.org.pl/>

- It is a world format but you can use the idea of promoting the communication between society and scientists;
- The initiative comes from personell of scientific center - to engage the scientific world in building of aware and smart society.

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Thank you for your attention

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For this presentation we have used the materials and information  
from the website of

*Komitet Badań Morza, Wojewódzki Fundusz Ochrony Środowiska oraz Instytut  
Oceanologii Polskiej Akademii Nauk*

*(Sea Research Committee, Provincial Fund for Environmental Protection and the  
Institute of Oceanology of the Polish Academy of Sciences)*

<http://www.iopan.gda.pl/projects/NaukaObywatelska/4.html>

and

*Copernicus Science Center*

<http://www.kopernik.org.pl/projekty-specjalne/famelab/>

*& FameLab contest webpage:*

<http://www.famelab.org.pl/index.php?strona=konkurs>