

# OCEAN-SCIENCE IS WONDERFUL! FOSTERING CURIOSITY THROUGH POSITIVE STORYTELLING AND EMOTIONAL CONNECTION WHILE "TALKING TRASH"



**NAUTILOS**



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**A CONNECTION OF STRONG NEGATIVE TRAITS**

PLASTIC IS IDENTIFIED AS A THREAT: THIS CAN HELP AGAINST ITS MISUSE BUT DOES NOT PROVIDE A DURABLE COMMITMENT TO THE OCEAN. THERE IS GROWING AWARENESS ON BLUE NATURE'S BENEFITS AND FOCUS ON OCEANS AND RIVERS BY THE INTERNATIONAL COMMUNITY. YET MOST OF THE MEASURES OF "NATURE CONNECTEDNESS" ASK QUESTIONS ABOUT GREEN SPACES. THERE IS A GAP THAT NEEDS TO BE ADDRESSED BY NEW TOOLS AND COMMUNICATION APPROACHES.

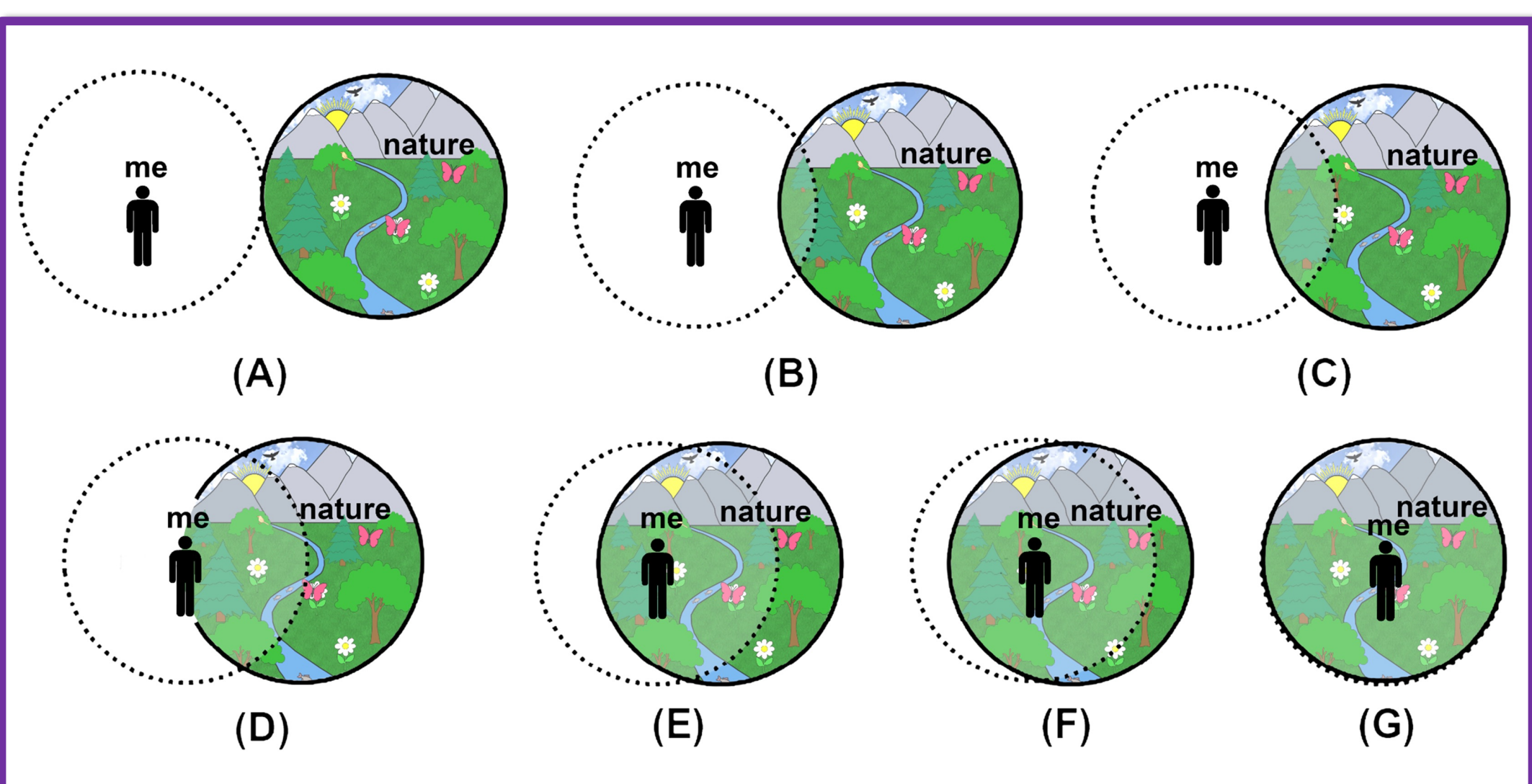


## COMMITMENT ("MY PLEDGE TO THE SEA")

every time i go to the beach i pick up plastic/trash and throw it in the bin

From *Ninjara* ♥  
i like this science very much!

## CONNECTEDNESS & "INCLUSION OF NATURE IN SELF"



**Survey "Nature and I"**  
adapted from Mayer, F.S.; Frantz, C.M. The connectedness to nature scale: A measure of individuals' feeling in community with nature. J. Environ. Psychol. 2004, 24, 503-515.

Date: \_\_\_\_\_

Mark your feelings for each sentence:

3	alta connessione
2	
1	bassa connessione

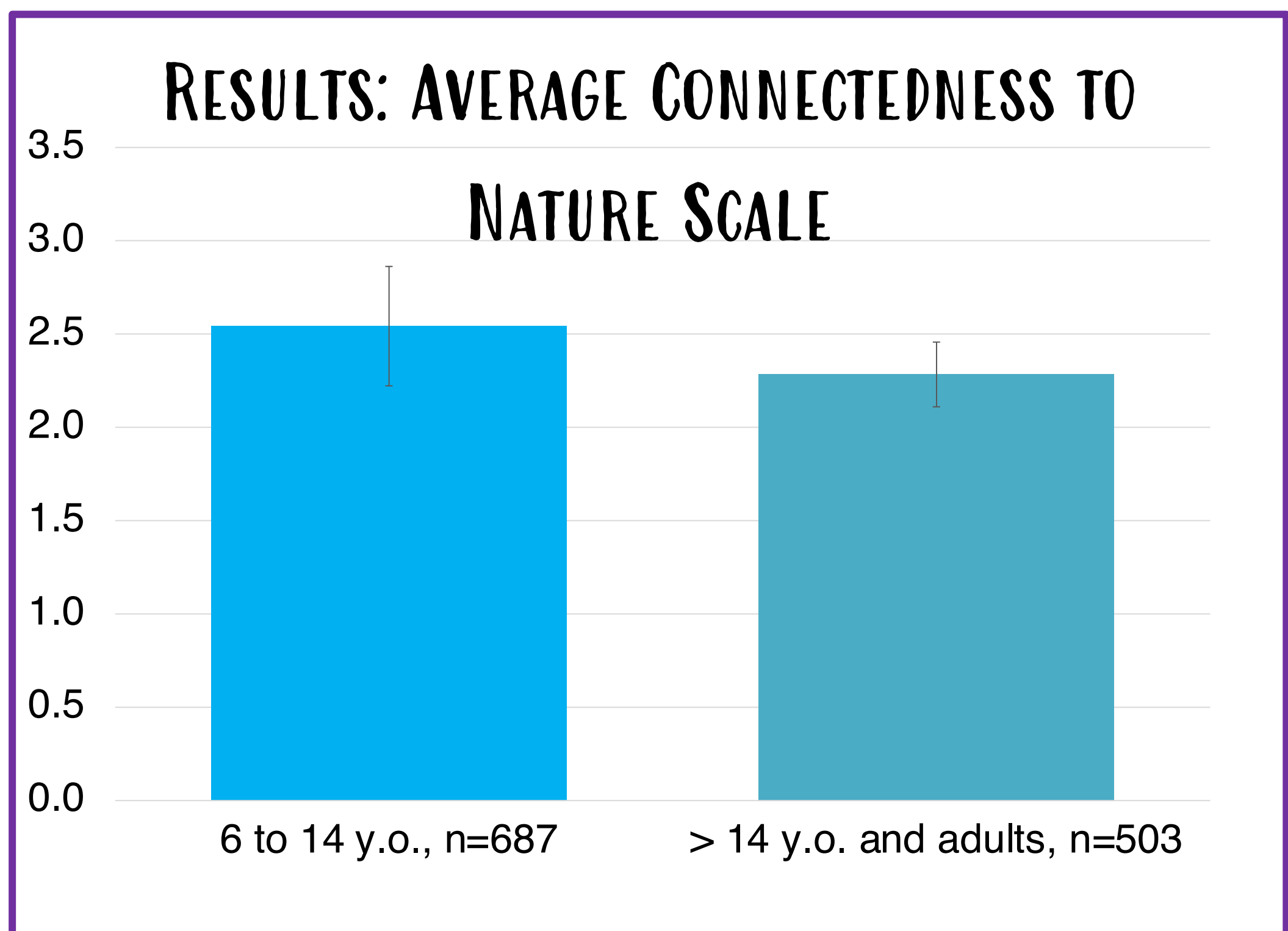
😊	Completely agree, it's totally what I think!			
😐	I am indifferent, does not apply to me.			
😞	I do not agree at all, I think something completely different!			

1	I feel connected to the natural world around me: plants, animals, rivers, seas.	😊	😐	😞
2	I think I have my own role in the natural world, as if I was part of a family			
3	I understand and appreciate the intelligence of animals and plants and all living beings			
4	Nature and I are two completely different things			
5	I know that my actions can have positive or negative effects on Nature			
6	When I think about my place in the world, I consider myself as a chief, someone more important than animals, plants, etc.			
7	I often feel I am just a tiny part of Nature around me and that I am not more important than the grass on the ground or birds in the trees.			
8	My being happy and well does not depend on Nature's wellbeing			

*adala/zama*  
from now on i will always recycle plastic bags and bottles

*Jantha Demaria*  
I pledge that I will try to repair electronics before I throw them away.

Kleespies, Matthias Winfried, Tina Braun, Paul Wilhelm Dierkes, and Volker Wenzel. 2021. "Measuring Connection to Nature—A Illustrated Extension of the Inclusion of Nature in Self Scale" Sustainability 13, no. 4: 1761. <https://doi.org/10.3390/su13041761>



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Adults participated to the "Connectedness to Nature Scale" (CNS) questionnaire (14 questions). Kids (6 to 14 y. o.) had a short version (8 questions). CNS goes from 1 to 5, with 1 = the least connected and 5 = the most connected. Questions were on land and urban environments, as the communities and the project's area. Kids' CNS was higher.

## FOSTERING CURIOSITY AND EXPLORATION



IN THE UN DECADE FOR OCEAN SCIENCE, THE RECONNECTION TO THE WIDE AND WILD OCEAN NEEDS COOPERATION AND CROSS-CONTAMINATION AMONG DISCIPLINES: WE SUGGEST THAT THROUGH

- 1) BEAUTY APPRECIATION → ART
- 2) WONDER & CURIOSITY → SCIENCE
- 3) HEALTH & WELLBEING → MEDICINE & SOCIO-PSYCHOLOGY

PEOPLE CAN RE-GAIN A RELATIONSHIP WITH THE BLUE SPACES, WHICH FOSTERS CARE AND KNOWLEDGE, NECESSARY TO REBUILD THE LOVE AND RESPECT FOR THE OCEAN THAT WE WANT AND NEED.

