

## 3-minute videos to learn about marine science!

ELENA MASFERRER DODAS<sup>1</sup>, CATHERINE JEANDEL<sup>2</sup>  
AND ADRIAN ARTIS<sup>3</sup>

<sup>1</sup>GEOTRACES International Project Office

<sup>2</sup>Université Toulouse III - Paul Sabatier

<sup>3</sup>Adrian Artis - Motion-Designer

Presenting Author: [elena.masferrer-dodas@univ-tlse3.fr](mailto:elena.masferrer-dodas@univ-tlse3.fr)

Let's imagine that we are able to see our future in the Oceans... Does this idea seem surprising to you? And yet, marine environment shelters a large amount of information which, once decrypted, provide answers to questions about our changing world...

This is the opening of a 3-minute video explaining the scientific goals of the GEOTRACES international programme. GEOTRACES is a project that aims at improving our understanding of trace elements and their isotopes in the marine environment. Trace elements? Isotopes? Difficult terms to appeal a non-scientific audience... This was the challenge faced by GEOTRACES scientists in explaining their research. This is no longer the case thanks to the GEOTRACES Education (GTED) project: a series of 3-minute cartoon videos that have made GEOTRACES science easy and fun to understand. Starting on February 2023, a new video was released each month, each focusing on a specific trace element and isotope. Thanks to them, large audiences can now understand why trace elements and isotopes are so important in marine science. We will share the experience of building this project and the main results of it. Want to watch the videos? Watch them at: <https://bit.ly/3YLW9IE>

More information available at: <https://www.geotraces.org/gted/>

