

Avelino Núñez-Delgado *Editor*


Planet Earth: Scientific Proposals to Solve Urgent Issues

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Avelino Núñez-Delgado 
Department of Soil Science
and Agricultural Chemistry
Engineering Polytechnic School
University of Santiago de Compostela
Lugo, Spain

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Preface

When the scientific editor conceived and proposed the book to Springer Nature, the intention was to finally include chapters elaborated by top researchers working on different fields, from “experimental” to “social sciences and humanities”. At that time, the aim was to explore some of the main issues affecting our planet, as well as to propose solutions for specific aspects in relation to climate change, air, water, and soil pollution, problems related to demography, access to food, water, etc. Now, with the book completed, we can confirm that it counts with the participation of authors that have huge experience, which have provided high-quality chapters dealing with both broad and specific issues of main relevance. At the time of starting the book, as well as now, inspiring and motivating readers to promote sustainability, biodiversity, and survival in the whole Earth were and are key objectives. As the final shape was reached, we think that the interested audience could be not just scientists working in any of the fields covered, but also students and any member of the society worried about the crucial problems treated in this work. We really believe that we have achieved the first objective, namely that those asking for views from top scientists

analyzing these issues and proposing possible solutions could find here an interesting and detailed reading Fig. 1.



Fig. 1 Forest in Galicia (NW Spain). Forest and soils where trees grow are key for helping to solve many of the current environmental issues affecting the Earth

Lugo, Spain

Dr. Avelino Núñez-Delgado
The Scientific Editor of the Book
avelino.nunez@usc.es

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About the Editor



Avelino Núñez-Delgado, Ph.D. born in O Barco de Valdeorras (Ourense province, Galicia, Spain). He obtained Ph.D. at the Department of Soil Science and Agricultural Chemistry, USC, in 1993. He was Postdoc Researcher in France (University of Montpellier) and Spain (USC), between 1993 and 1996; Professor at the Department of Soil Science and Agricultural Chemistry, Engineering Polytechnic School, Campus Lugo, University of Santiago de Compostela (USC), Spain, since 1996; he has nine patents and earned several research awards. He has published more than 400 publications at the date (December 2023), with around 200 in D1 and Q1 JCR journals. He was Principal Investigator and/or collaborates with more than 40 research projects. He was listed among the 2% of the top world researchers by the Stanford ranking and among world top researchers by Researchgate, Expertscape, Web of Sciences, Scopus, and other world research classifications. Currently, he is collaborating with a variety of research teams from various countries around the world. He is Book Editor for Springer Nature, Elsevier, and other top scientific publishers. He is Book Series Editor for Springer Nature, Editor for various top research journals (with roles of Chief Editor, Associate Editor, Special Issues Editor, Managing Guest Editor, and Guest Editor), and Reviewer for national and international research projects.