



**4th INTERNATIONAL SYMPOSIUM ON
MATERIALS, ELECTROCHEMISTRY & ENVIRONMENT**
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Research interests and project:

Prof Dobrowolski have been involved in Biotechnology focused on Environmental / Nutritional Health (Primary Prevention incidence of Mutants, Cancer and Congenital Malformations and incurable diseases of civilization like Minamata disease), and Protection Proper Environmental Conditions for Reproduction, Sustainable Management of the Natural Resources, Protection Biodiversity and Open for all Science (Lifelong Learning) focusing on transdisciplinary and international cooperation for contribution to solving global environmental problems in different regions by integration of innovative biotechnology (sensitive biological monitoring and cost-efficient laser biotechnology) with human ecology and bioeconomy-driven sustainable development, adopted to different regions, climate change and situation connected with COVID-19 pandemic (including primary prevention of contamination of the human environment by mutagens for prevention incidence of new mutants of SARS CoV-2 etc. and by laser stimulation accumulation in cultivated plants trace elements increasing immunological resistance to infections).

Academic and Research Experience

Prof. Dobrowolski contributed to Open Science, Human-oriented Research and Eco-Innovation as the initiator and scientific leader of 50 years problem-solving lifelong learning (both training of university students and graduates, founder and long-term director of the Open University and chairman of 15 International Conferences on Sustainable Development and Eco-innovations (Circular Bioeconomy) from 1989 to 2014, as well as the tutor of series of International Workshops for students' scientific NGOs and study visits in Poland and other European countries and from 1973 training university students from different regions of Europe and the world.

He author of more than 300 papers (including international monographs and e-books). He was invited as visiting professor to several countries and with the report to series of European and World Conferences related to Open Science and Better Quality of the Human Environment in Kyoto 1975, European Conferences on Bio-based Green Economy in France, Germany, Greece, Hungary, Italy, Poland, Spain, Turkey, UK to the Forum of Lifelong-Learning for Common Action of Experts and Knowledge-based Society for Promotion Sustainable Development of the World Academy in Trieste in 2013 and the World University in Podgorica in and International Biotechnology Symposium in Fortaleza, Brazil in 2014 and at the World Scientific Congress in the United Nations, Geneva related to Sustainable Development and environmentally-friendly bioeconomy in 2016. He contributed also to series online International Conferences focused on innovative concepts of adaptation sustainable management of the natural resources, improvement environmental health and dissemination Know How useful for creation many green jobs and prevention malnutrition in poor regions in 2020 e.g. organized in Cambridge, Tashkent, as well as discussion on Global Leadership in cooperation of the World Academy of Arts and Science with the United Nations till Planetary Moment in February 2021, etc.