

Call for Ideas and Suggestions on ANSO Collaborative Research

1. Introduction

The Alliance of International Science Organizations (ANSO) is a non-profit and non-governmental international scientific organization founded in 2018 by 37 international science and education institutions from around the world. There are 15 new members endorsed by ANSO Governing Board in 2019 and final approval shall be made in next General Assembly in 2020. ANSO catalyzes and implements collaborative research projects in Science, Technology, Innovation and Capacity Building (STIC) to tackle with major global environmental challenges and to help advance the UN SDGs under the principles of joint consultation, joint effort and joint sharing.

Here is the guideline for collaborative research projects under ANSO for 2020 and 2021. By which, we intend to seek good ideas, suggestions and proposals from our Member institutions and partners on the formulation and launch of sound, feasible and high-impact cooperative projects. The ANSO collaborative research, at the current stage, gives high emphasis on the S&T cooperation and partnerships between and among ANSO Members and partners in the areas of high importance to green and sustainable development.

2. Priorities Areas

We highly encourage collaborative research ideas and proposals focusing on the following issues.

- 1) **Environmental Challenges:** focus on key regional and global environmental challenges such as *Climate Change Adaptation, Water Resource, Pollution, Urbanization, Land Degradation, Biodiversity Decline;*
- 2) **Agriculture and Food Security:** focus on issues of great significance for sustainable agriculture such as *the needs of Extreme Events Prediction on Flood, Drought, Landslide and Debris Flow and other Natural Hazards, Monitoring for Agricultural Purposes, Hybrid Rice and Wheat, High Efficient Irrigation, Soil and Water Conservancy, Insect Pest Control;*
- 3) **Health and Wellbeing:** focus on areas of importance to human livelihoods and wellbeing, such as *Water and Air, Health and Biosafety, Energy Security, Low Cost Medical Care, Infectious Disease;*
- 4) **Green Technology:** focus on tech transfer and innovation in the areas of high relevance to livelihood, such as *Water Clean and Water Saving Technology, Environmental Protection Technologies, Renewable Energy, Traditional Medicine and Low Cost Medical Devices.*

3. Principles and Advice

- 1) The Principal Investigator of a proposed project should be from an ANSO Member organization (Listed in Attachment 2), and it should best involve at least 3 collaborators from ANSO Member organizations or countries. Due to funding issues at the current stage, it is best to involve a collaborator from China;
- 2) Please fill up the application form (Attachment 1) for follow up communication and discussion;

- 3) The deadline for submitting ideas and proposals is March 5th, 2020;
- 4) Please be advised that any idea and proposal will be discussed and responded.

4. Contact

Please send the filled up forms to Prof. Ailikun at aili@anso.org.cn and Dr. ZHAO Minyan at minyan.zhao@anso.org.cn

If you have any questions and inquiry, pleased contact above addresses anytime.