

Introduction: Personal History

- NAME (Technical General Manager) : SHUNSUKE KUMAGAI - Live in Tokyo, Born in Fukuoka, Japan
- Qualification : Environmental Consultant – Registered by Department of Environment of Japan
- Academic Background
 1. Ehime Univ.: Agriculture Trainee Class - Synthesis of Functional Compound Material to utilize Residues.
 2. Waseda Univ.: Human Environmental Science Dept. - Global Environmental Science Subject.
- Main Career
 1. Practical Use 1. Circular Economy Business: Factory of Recycling Coal Ash Based (Chubu Electrical Power, Japan)
 2. Practical Use 2. Circular Economy Business: Factory of Recycling Rice Husk Ash Based (Fujian Province, China)
 3. Japan Forestry Agency - Hazardous Materials R&D Insect Pest Control (Subsidy of Research)
 4. Yokohama City Government - SBIR (Subsidy of Implementing – R&D Recycling of Sewage Sludge Ash)
 5. R&D Project 1: Purification of the type of Closed Water Area (Research Funds - Yokohama City Association)
 6. R&D Project 2: Dustproof & Anti-weed of Ground (Research Funds - Yokohama City Association)
 7. R&D Project 3: Purification of the type of Biodiversity of Closed Water Area (Research Funds - Yokohama City Association)
 8. R&D Project 4: R&D of Environmental Education Tools and Method (Research Funds - Gakken Holdings)
 9. R&D Project 5: Toxic Gases Removal Equipment for industrial (Collaborate R&D: AMANO, HITACHI, FUJITSU)
 10. R&D Project -5••Industrial Wastewater Treatment (Heavy Metal, Oil content)
 11. Research-1••Prevent method of Contaminate Underground Water for vicious circle of chemical elements from poor soils.
 12. Research-2••Improvement methods of Subsurface Soil Quality to adsorb the effective fertilizer from Red Soil. (Okinawa Pref.)
 13. Research-3••Developed New Materials to Recycle method of unused resources (Taiwan National Science Technology Univ.)
- Activities for Environment for SDGs
 1. Environmental Technology Transfer (Contribute for World Environmental Solutions) : Asia, US, etc. with UNIDO
 2. Decontamination of Fukushima: Water purification and Soil Decontamination, Volume Reduction (Ministry of Agriculture, Japan)
 3. Environmental Education for Developing countries: Solomon (Technical Personnel Dispatching - JICA)
 4. New Functional Materials recycling unused residues: R&D: International Patent Application within 2020.
 5. Registered Environmental Technology by UNIDO of United Nation.
 6. R&D: Pest Repellent for Mosquito, Mite, Leech, etc. (Collaboration Funds by Private Company)
 7. R&D: Recycling Method of Plant-Based Residues (Malawi, Côte d'Ivoire, Morocco, Hong Kong, Cambodia, Myanmar.)



Shunsuke Kumagai