

Actions Taken by Japan for CASM

In Japan, there is no serious issue on artisanal/small-scale mining although many small quarries for dimension stones and industrial minerals existed. However, as a member of Asia, Japan cannot ignore the problems and issues arising from artisanal/small-scale mining. Due to this reason, Japan has conducted various kinds of projects as follows:

- The Geological Survey of Japan, AIST has cooperated CASM from an initial stage when people started to talk about the necessity of an international consultative group for ASM in 1998.
- Satoshi Murao of the Geological Survey of Japan, AIST is responsible for the CASM and ASM issues. He belongs to the SMAG of CASM.
- From time to time, Murao succeeded to get funding for research projects on ASM and he could establish a certain human network.
- All of the activities on artisanal/small-scale mining at the Survey are in-kind contribution to CASM. Some amount of cash contribution was also done.
- 1999-2000, **Preliminary Study of Small-scale Mining** (funded by the Environmental Agency of Japan; about 40,000 USD)
- 2000, **Small-scale Gold Mining in Cambodia and the Role of Geology** (funded by MITI; about 4,000 USD)
- 2000, **Small-scale mining in the Philippines** (funded by MITI; about 4,000 USD)
- 2000-2003, **Interdisciplinary Study on Environmental Management, Planning and Risk Communication in Gold Rush Regions** (funded by the Ministry of the Environment, Japan; about 710,000 USD)
- 2002-2003, **Risk Communication Necessary for Mineral Development Programs** (funded by Research Institute of Economy, Trade and Industry, Japan; about 75,000 USD)
- 2003, **Roundtable Meeting on Good Practice and Effective Methods on Risk Communication Between Mineral Property Developers and Local Communities** (funded by the Ministry of the Environment, Japan; about 50,000 USD)
- 2004, **International Symposium on the Diversity of Mining and Sustainable Local Developments: a Meeting to Study the Business Practices of Small-Scale Gold Mining in Benguet, Philippines** (funded by the Institute for Georesources and Environment, AIST and Philippine Council for Industry and Energy Research and Development; about 18,000 USD)
- 2004, **A Meeting to Examine and Discuss Scientific Data of Mercury in and around Some Areas in the Municipality of Itogon, Benguet** (funded by Japan Society for Promotion of Sciences; about 4,000 USD)

- 2006, **“Environmental Analysis Support Programme for CCOP and other regions”** This is implemented by Japan Radioisotope Association and Iwate Medical University Cyclotron Center. The scheme was approved at the 48th CCOP Steering Committee meeting on 4 November 2006.

- 2007-2009, **“Development of a simultaneous-multi-sample-analysis system in order to settle the environmental problems and to establish the method of evaluating the state of health of the people in collaboration with international agencies”**. This is a JSPS Project (grant-in-aid for scientific research) for 2007-2008 led by Prof. Koichiro Sera of Iwate Medical University Cyclotron Center.

“Development of community-based participatory program for the environmental protection” It is a JSPS Project (grant-in-aid for scientific research) for 2007-2009 by Prof. Seiji Suzuki of Shizuoka University.