

Toward National Resilience and Safe, Vibrant Regional Development: Advancing Sabo Research and Studies for a New Era.

[Key Activities]

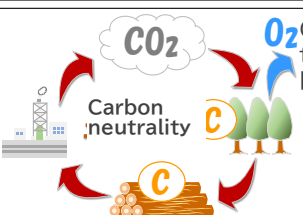


AI-based extraction of land alteration areas
Left: image captured in 2014 / Right: image captured in 2017



Setting sediment disaster warning areas.

Support for Basic Surveys under the Act on Sediment Disaster Countermeasures for Sediment Disaster Prone Areas, and Extraction of land alteration areas by Satellite Imagery and AI.

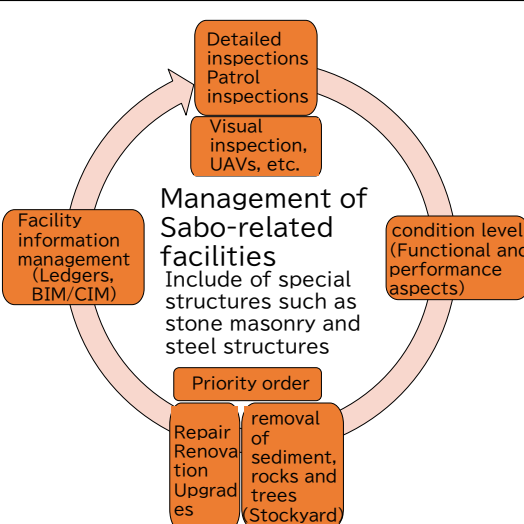


Carbon neutrality through the use of biomass



Utilization of Sabo dams for small hydropower generation

Support for Planning in Collaboration with the Renewable Energy Sector in Regional Areas.



Management of Sabo-related facilities
Include of special structures such as stone masonry and steel structures

Detailed inspections
Patrol inspections
Visual inspection, UAVs, etc.

condition level (Functional and performance aspects)

Priority order

Repair, Renovation, Upgrades
removal of sediment, rocks and trees (Stockyard)

Support for Planning in DX-based Preventive Maintenance of Sabo Facilities.



Community disaster prevention map creation with resident participation



Large-scale sediment disaster crisis management exercises

Support for Strengthening Crisis Management and Disaster Prevention Capabilities.



Green belt development concept

Carbon credits from the utilization of Sabo shelterbelts (image)

Support for Promoting Green Infrastructure and GX (Green Transformation).



Important Cultural Property: Sabo Facilities of the Jōganji River (Shiraiwa Sabo Dam / Dōrodani Sabo Dam)

(Tateyama Town, Toyama Prefecture)

Support for Conservation and Utilization of Historical Sabo Facilities, and Survey of Large-scale Sediment Disaster History.

[Contribution to Public Interest Activities]

Support for Sabo Volunteer Activities.



National Gathering of Sabo Volunteers

Support for Sabo Education and Human Resource Development in Sabo.



Guide to Sabo Education

International Cooperation with Mongolia and Taiwan



Collaboration with NEMA (National Emergency Management Agency of Mongolia)



SABO FRONTIER FOUNDATION
<https://www.sff.or.jp>

