

National Committee on Dam Safety

February 13, 2021

About National Committee on Dam Safety

- National Committee on Dam Safety national Level bodies
- National Committee on Dam Safety, whose functions include evolving policies and recommending regulations regarding dam safety standards.
- The National Committee on Dam Safety will be constituted and will be chaired by the Chairperson, Central Water Commission.
- All other members will be nominated by the central government, and include:
 - Up to 10 representatives of the central government,
 - up to seven representatives of the state governments (by rotation)
 - up to three dam safety experts.

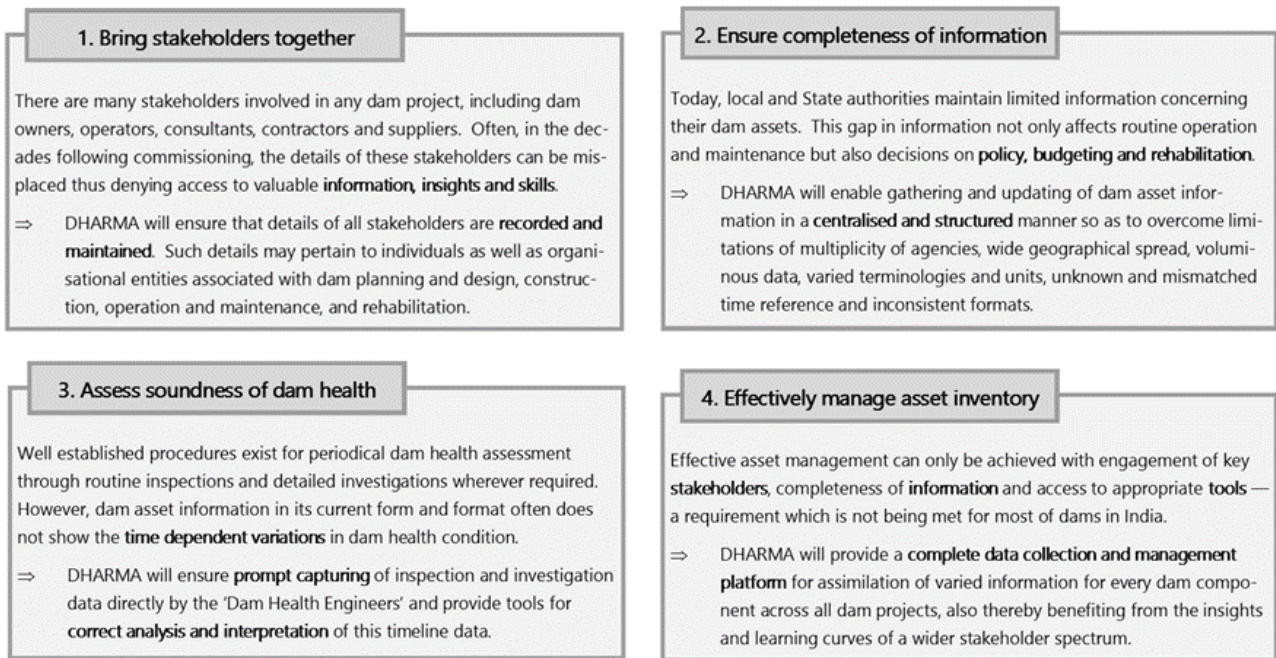
Functions of the Committee include:

- formulating policies and regulations regarding dam safety standards and prevention of dam failures
- analysing causes of major dam failures and suggesting changes in dam safety practices.

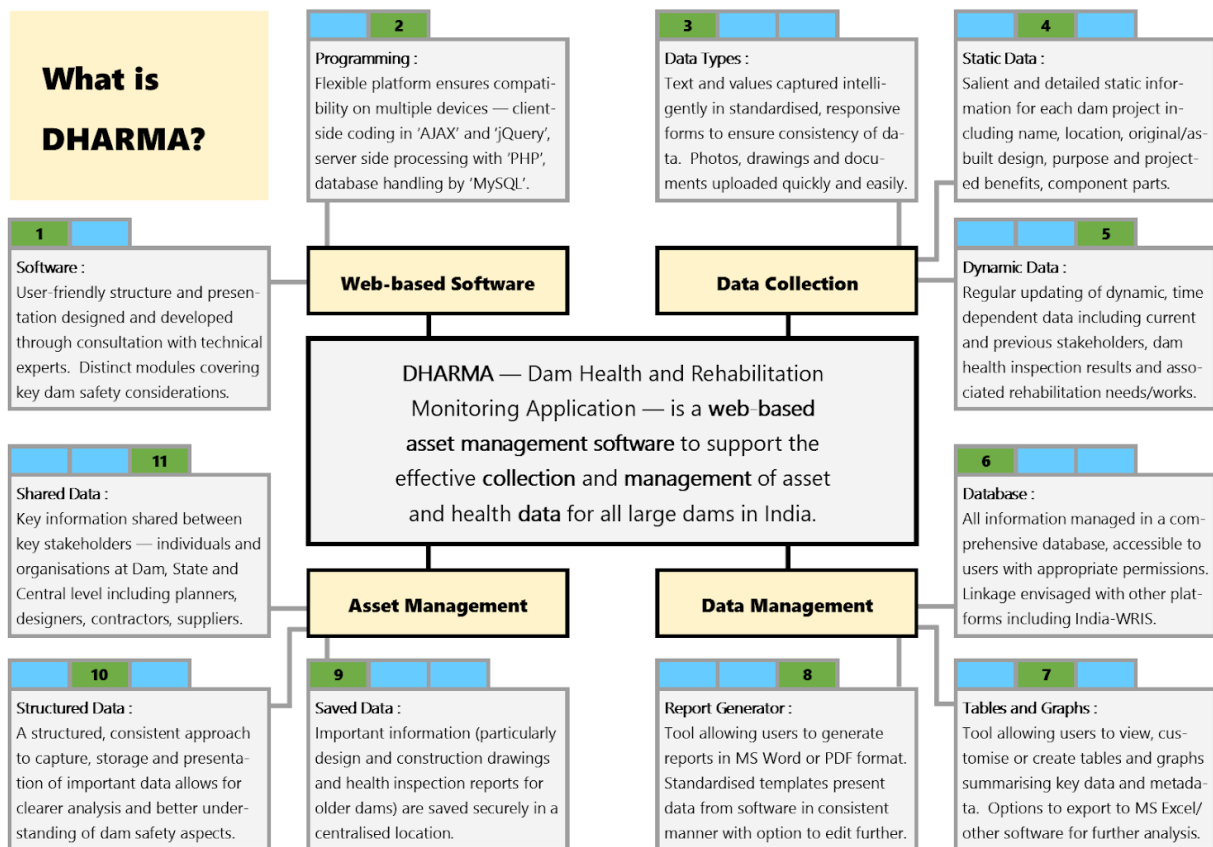
DHARMA

- Dam Health And Rehabilitation Monitoring Application (DHARMA) has been designed and developed to enhance the capacity of individuals and organisations throughout India to manage their dam assets scientifically and professionally so as to sustain advantages of dams (irrigation and water supply, flood control, hydropower etc) and prevent disasters.

DHARMA will address four main challenges as described below :



The main features of DHARMA are presented below :



Seismic Hazard Analysis Information System (SHAISYS)

- Is a web based interactive application tool being developed in CWC under Dam Safety Organisation (DSO) to estimate the seismic hazard at any point in Indian region.
- The SHAISYS shall be capable of estimating seismic hazard using the deterministic as well as probabilistic approach.
- This application based tool is being developed in two phases.
 - The first phase shall cover its utility for peninsular India for which the MoU has been signed with IIT, Roorkee as an initiative under Dam Rehabilitation and Improvement Project (DRIP) to further develop their capacity building under institutional strengthening. IIT Roorkee has completed the study/software and the same is under testing in CWC.
 - In the second phase, the MoU has been signed for the rest of India. This work is under initial stages of data collection, fixation of consultants and other such preliminary activities. CWPRS is under the initial stages for the study.