

SADAP

Snow Avalanche Data and Prediction Module



Snow avalanche forecasting is estimating of current and future snow cover stability. SADAP module consists of integrated database and application that helps forecaster during the decision-making process.

Database

In order to use computers in avalanche forecasting, it is necessary to have all meteorological, snow and avalanche data stored in unified structure. We offer two options:

- Integration of all relevant data in Climatological Database CLDB (Oracle database)
- Stand alone database build on PHP / MySQL technology

CLDB is full featured database for climate, meteorological and relevant environmental data with great amount of both standard and customized communication options, inputs and outputs. Historical records existing in electronic format are imported easily into the database. For incoming current or historical manual observations entering, dedicated web-forms come with SADAP. The database includes **Importing Module** that enables automatic import of standard WMO meteorological messages. Both automatically imported and manually entered data (via web-forms) are subsequently the subject of **Quality Control** process.

