

Discriminating cloud and clutter

Input data:
radar reflectivity, LDR, SW

Removing noise and non-cloud
meteorological target

Generating classification mask
based on Bayesian method

Applying low pass spatial filter
to undecided mask

Output:
classification mask

Training Bayesian classifier

Auxiliary data:
lidar cloud base

Extracting cloud
and clutter samples

Creating multi-dimensional
PDFs of cloud and clutter

