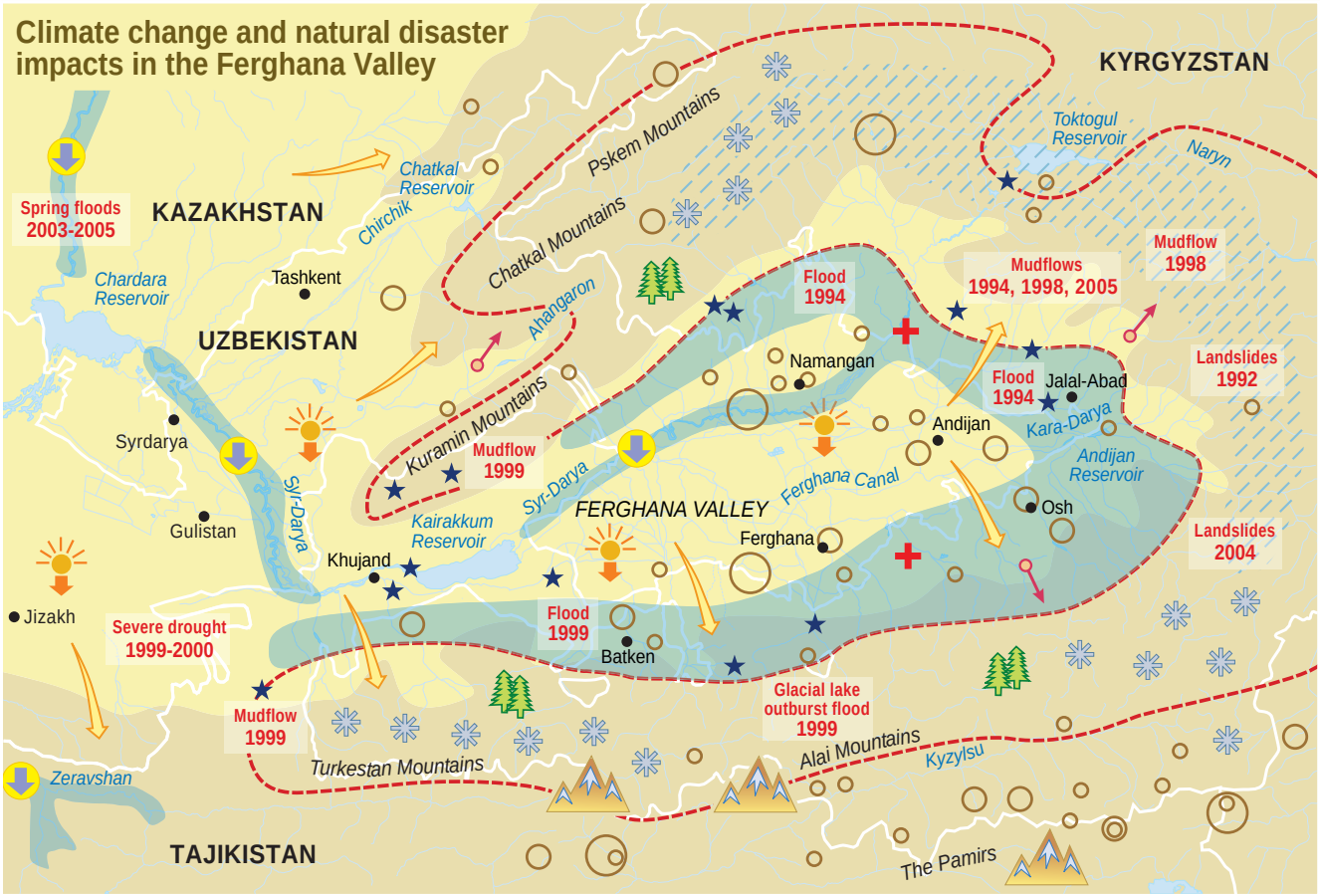


Topography

- Lowlands and piedmont areas
- Mountainous regions (above 1 500 metres)

Hydrometeorological hazards

- Risk of flooding
- Risk of mudflows and landslides
- Torrential rainfalls
- Impact of high temperatures and drought on food production and health
- Mudflow 1999 — Major recent natural disasters and year of event

Essential earthquakes

Earthquake epicenters depicted from the instrumental records

Magnitude on Richter scale

7 to 8 6 to 7 5 to 6

0 50 100 150 200 km

Potential impacts of climate change

- Desertification (deserts, semi-arid, and arid lands expansion)
- Changes in productivity and elevational shift in alpine biodiversity
- Increase in health vulnerability
- Spread of malaria to higher altitudes
- Rapid melting of glaciers and ice caps
- Changes in snow cover, permafrost, and intensification of snow melt
- Reduction of summer river flow

Infrastructure under threat of destruction from natural disasters

- Industrial sites, dams and irrigation networks

THE MAP DOES NOT IMPLY THE EXPRESSION OF ANY OPINION ON THE PART OF THE AGENCIES CONCERNING THE LEGAL STATUS OF ANY COUNTRY, TERRITORY, CITY OR AREA OF ITS AUTHORITY, OR DELINEATION OF ITS FRONTIERS AND BOUNDARIES.

MAP BY VIKTOR NOVIKOV AND PHILIPPE REKACEWICZ - UNEP/GRID-ARENDAL - APRIL 2005