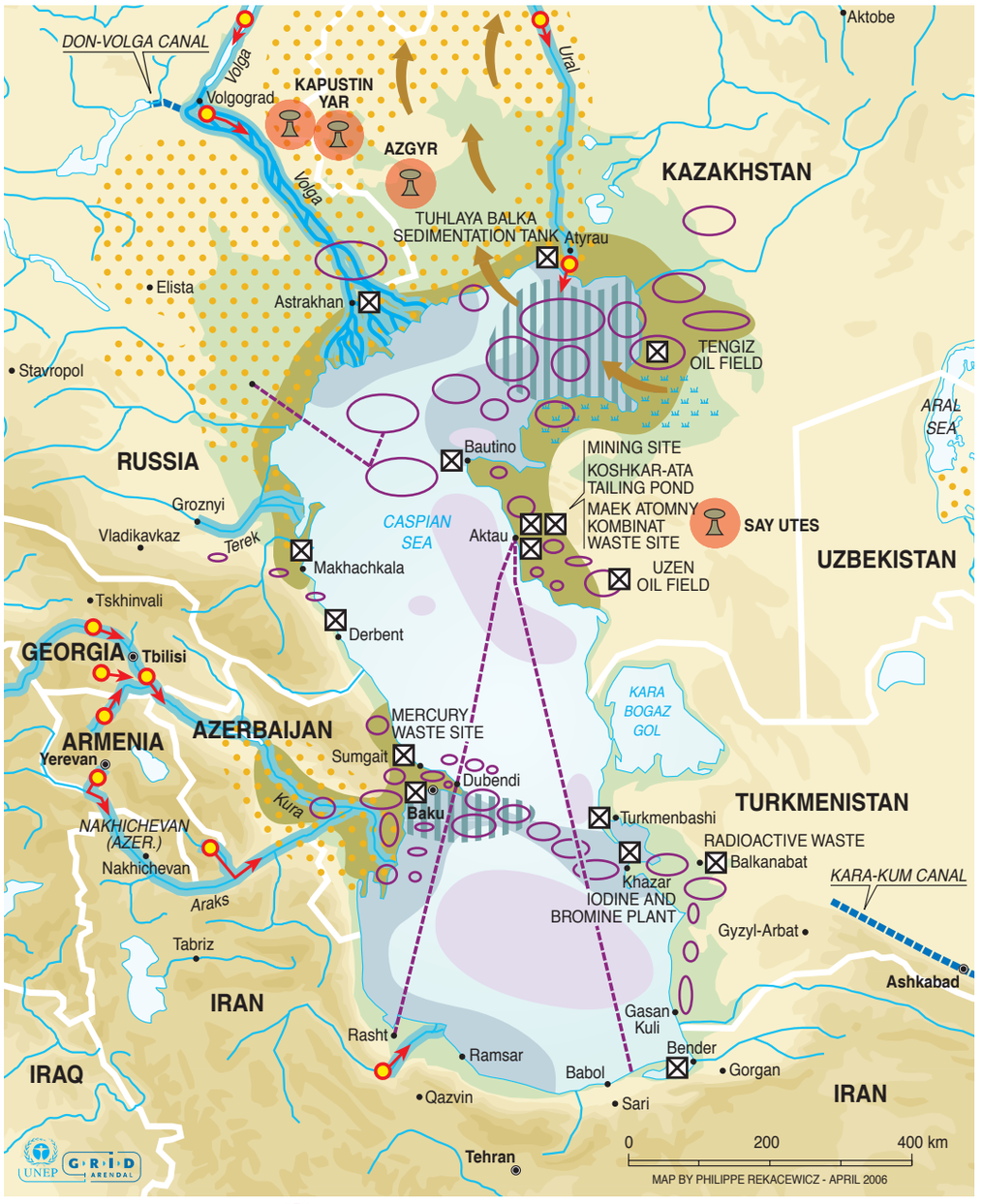
04-polloil-typopollution.pdf 2007-07-20 16:26:52

Hazards in and around the Caspian



Topography, metres

Below sea level
0
200
500
1,000
2,000
3,000
4,000

- Oil and gas drilling
- Projected off-shore pipelines
- Oil wells flooded and leaking
- Area under exploration for oil and gas (high potential)
- Polluted sea (oil, pesticides, chemicals, heavy metals or bacteriological origin)
- Polluted soils and land degradation
- Soil salinisation
- Polluted rivers (industry and municipal sewage water)
- Land-base source of river pollution (mainly heavy industries)
- Identified poorly stored hazardous industrial waste site or polluting industrial activities
- Former nuclear testing site
- Main direction of sand-dust storm causing salt transfers toward arable lands of the Volga region

Sources: National Caspian Action Plan of Azerbaijan, 2002; National Action Programme on Enhancement of the Environment of the Caspian Sea, Kazakhstan 2003-2012; Environmental Performance Review of Kazakhstan, UNECE, 2000; Environmental Performance Review of Azerbaijan, UNECE, 2003; Study for; Safe Management of Radioactive Sites in Turkmenistan, NATO, 2005; Environment and Security: Transforming Risks into Cooperatio n, Case of Central Asia, 2003 ; Global Alarm: Dust and Sandstorms from the World´s Drylands, UNCCD, 2001

Turkmenistan **Gaurdak** **Sulphur plant**