

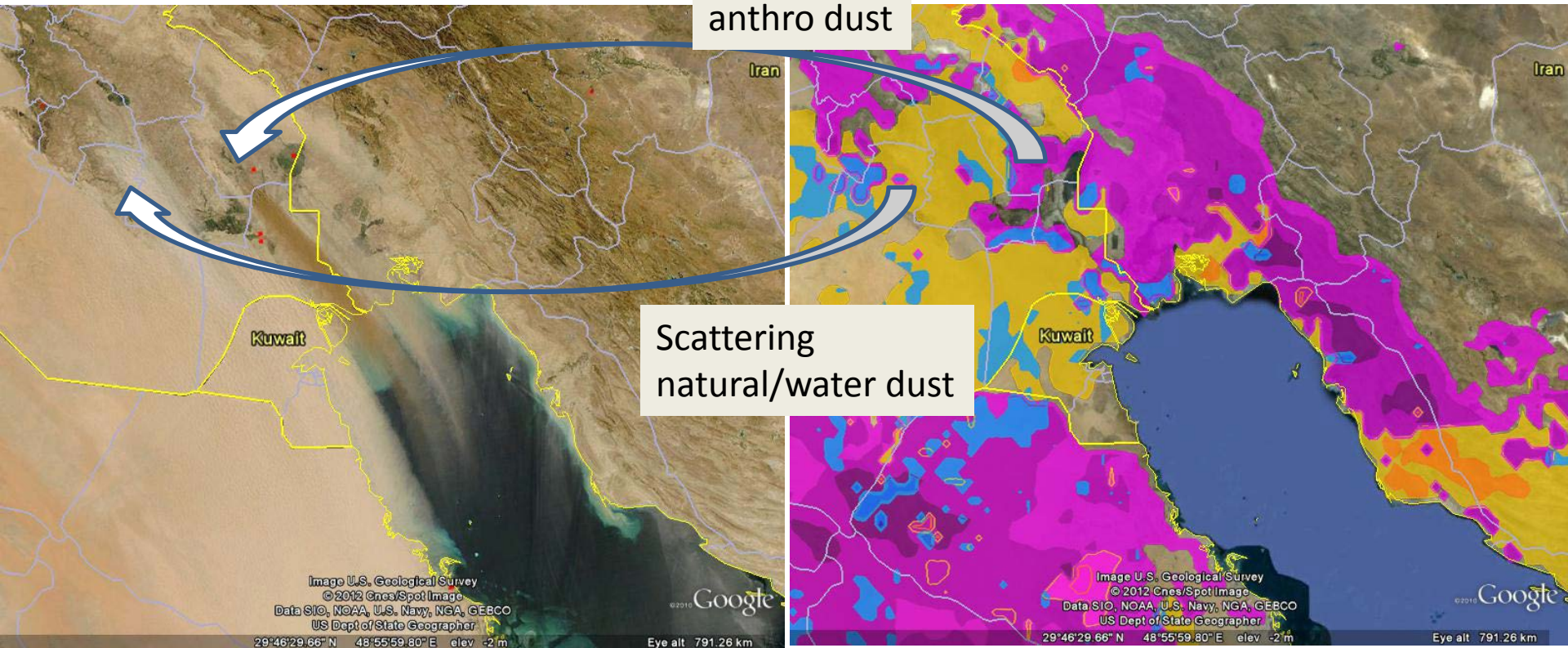
Different optical properties of dust depending on source location

MODIS L1B on June 2, 2012:
White to brown dust plumes
over Arabian Sea

M-DB2 FOO (*Ginoux et al., RoG, 2012*):
Natural (yellow)
Anthropogenic (magenta)
Ephemeral waterbodies (blue)

Absorbing
anthro dust

Scattering
natural/water dust



Also, evidence of mixing of ammonium salts with anthropogenic dust (*Ginoux et al., ACP, 2012*) affecting optical properties, and formation of Fe(II), CCN and ICN.

Natural & Anthropogenic annual emissions

