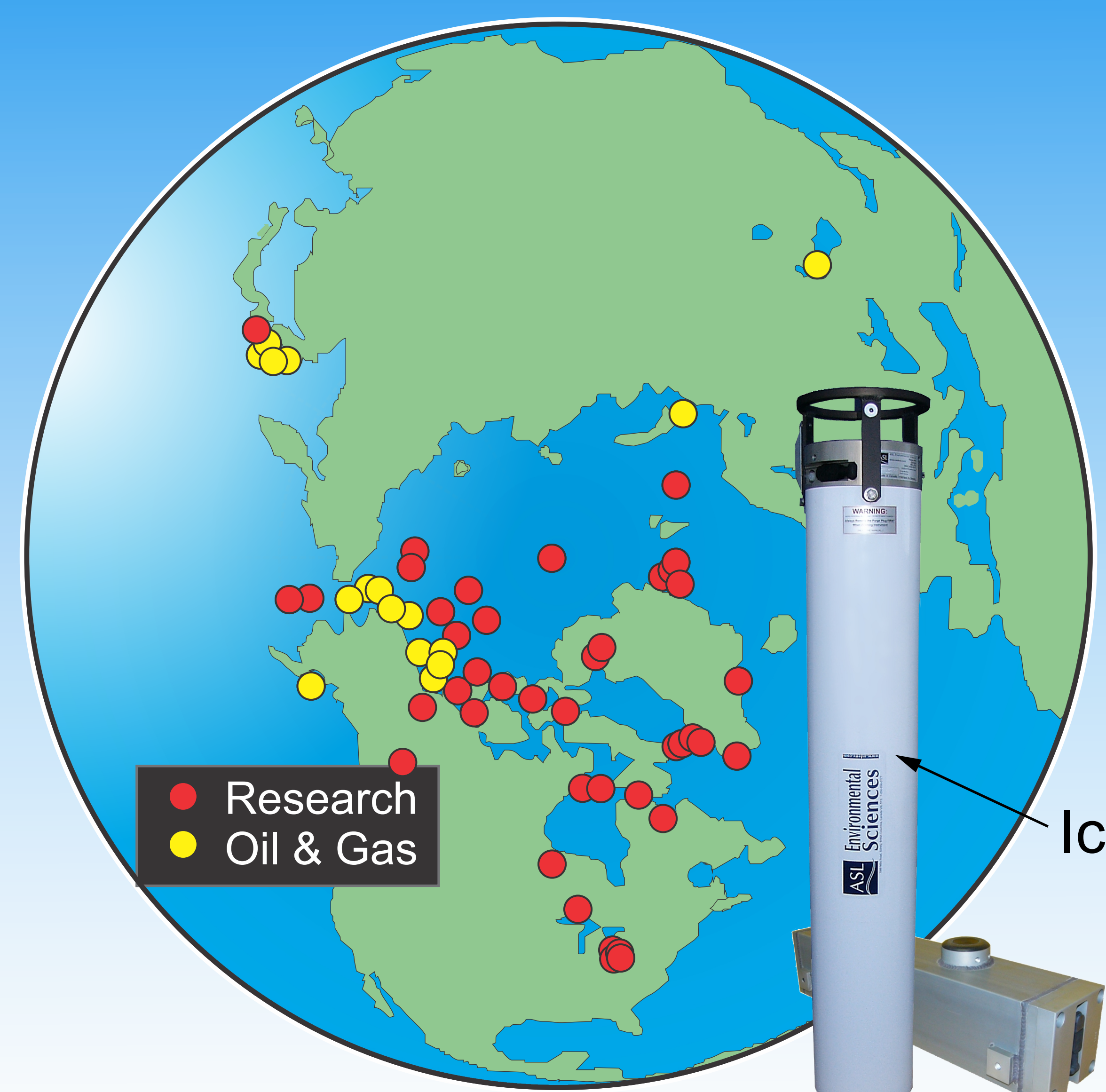
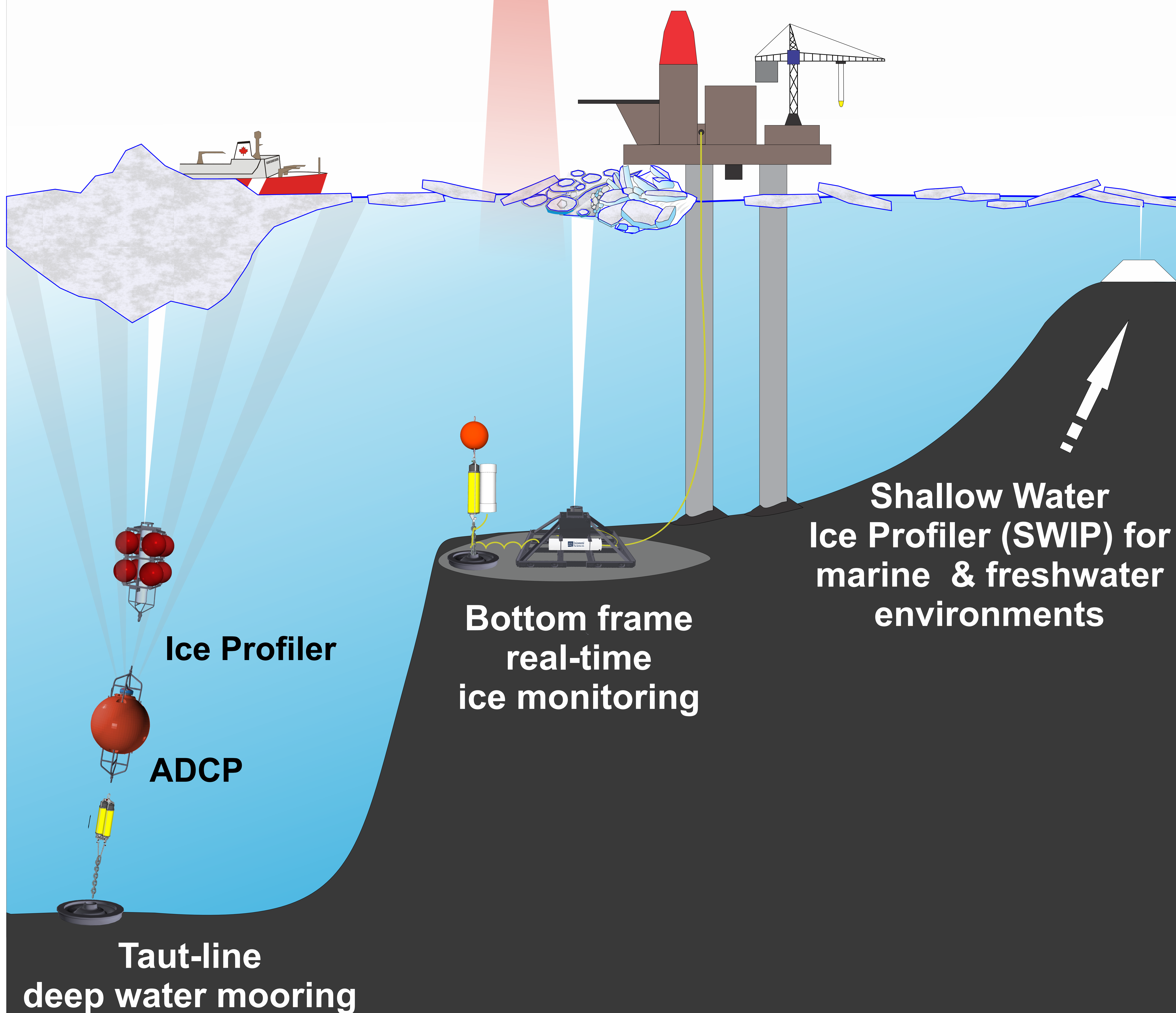


**Integrated Ice Studies:  
Satellite Imaging from above  
Ice Profilers from below**



Ice Profiler

SWIP



Ice Profiler

ADCP

Taut-line  
deep water mooring

Bottom frame  
real-time  
ice monitoring

Shallow Water  
Ice Profiler (SWIP) for  
marine & freshwater  
environments