The World Meteorological Organization (WMO) is placing into operations WIS - the WMO Information System. WIS is a modern, standards based information architecture that allows for remote discovery and subscription to data. WIS will reshape how we locate and retrieve the International data used in US weather applications ranging from NWP to commercial applications. While it opens up windows to non-traditional data sets it will also reshape the meteorological landscape around the world as emerging economies build up their capabilities.