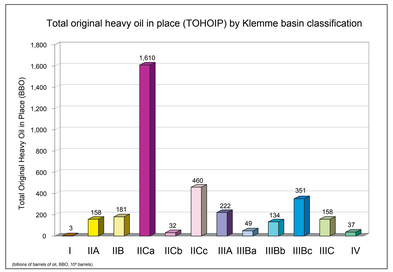
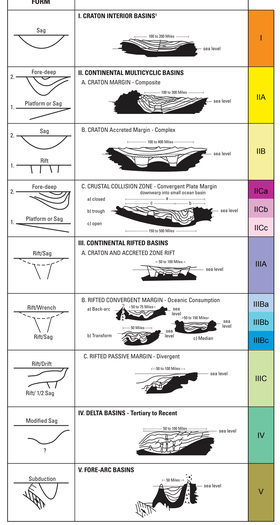
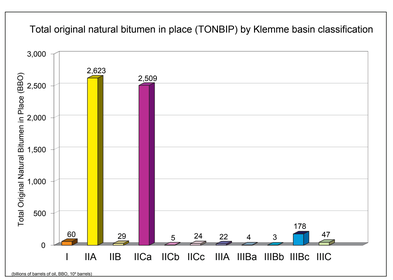
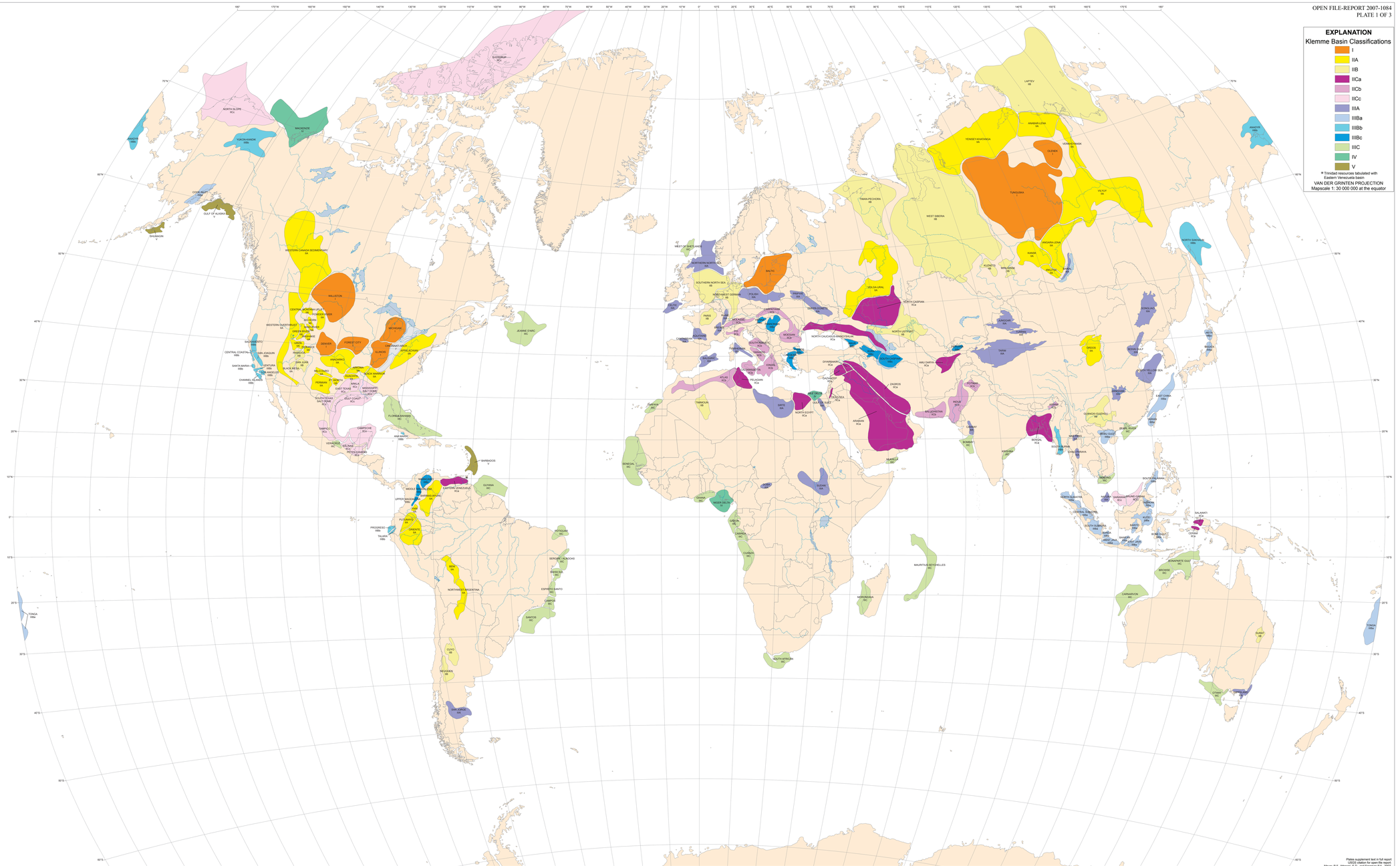


Diagram of Klemme basin types



[1] Cincinnati Arch is classified as I - Arch
Modified from St. John, Bally, and Klemme (1994)
AAPG©1994. Diagram reprinted by permission of the AAPG whose permission is required for further use.





HEAVY OIL AND NATURAL BITUMEN RESOURCES IN GEOLOGICAL BASINS OF THE WORLD: MAP SHOWING KLEMME BASIN CLASSIFICATION OF SEDIMENTARY PROVINCES REPORTING HEAVY OIL OR NATURAL BITUMEN

By Richard F. Meyer, Emil D. Attanasi, and Philip A. Freeman

2007

Plates supplement text in full report
USGS citation for open-file report:
Meyer, R.F., Attanasi, E.D., and Freeman P.A., 2007,
Heavy oil and natural bitumen resources
in geological basins of the world:
U.S. Geological Survey Open-File Report 2007-1084,
available online at: http://pubs.usgs.gov/of/2007/1084/.

Basin outlines from Sedimentary Provinces of the World – HydroCarbon Productive and Nonproductive, compiled by Bill St. John, The American Association of Petroleum Geologists, CD-ROM datapage GIS mapping file. AAPG©1996. Basin outlines reprinted by permission of the AAPG whose permission is required for further use.
Basins are presented without alteration to illustrate basin architecture and general position of basins.

Basemap Credit:
ESRI, 2005, World Countries 2005, Redlands, California
ESRI, 2006, World Lakes, Redlands, California
ESRI, 2005, World Rivers, Redlands, California

USGS
science for a changing world