

How to Access Scientific Ocean Drilling Data and Publications – the easy way...

If you take a look around any major Integrated Ocean Drilling Program (IODP) office, you'll see all the big old volumes of Deep Sea Drilling Project (DSDP) and Ocean Drilling Program (ODP) data collected from scientific investigations around the world. Thankfully, all those heavy books have now been digitized and are easier than ever to access! We have several ways YOU can explore or locate the ocean core data you want.

1. Visit “**What on Earth is a Core**” on the Deep Earth Academy webpage (<http://www.oceanleadership.org/classroom/cores>) for a collection of resources explaining cores and core drilling.
2. Use our **Inflatable Drill Site Globe**. Important drill sites and holes are identified on the globe along with some AMAZING fun facts for your students. To order your own globe contact deepearthacademy@oceanleadership.org. Lynne Pacunas, our 2007-2008 Teacher Fellow, developed a handy web page (<http://www.oceanleadership.org/learning/globe>) that comprises all the Deep Earth Academy activities about those sites.
3. Use **Google Earth** to find all the drill sites and prospective sites searchable by location or geological feature.

Open Google Earth then use the top menu to select “Add”– “Network Link.” Customize the “Name” field and copy and paste the following link: <http://campanian.iodp-mi-sapporo.org/google/data/iodp.kml> into the “Link” field. Hit “OK.” Under “Places,” check and click the named link you added to activate the data. Wait 10 to 15 seconds for Google Earth to start loading data.

When the download process is complete, the locations of boreholes drilled during IODP, ODP, and DSDP expeditions will be shown on the map. You can find absolutely everything about an expedition, from data to scientific reports, core photos, graphs and charts on the Google Earth drill site maps.

4. Access these **Online Resources**.
 - To find a particular objective for IODP Expeditions 301 through 313 and beyond, try <http://iodp.tamu.edu/scienceops/expeditions.html>.
 - For ODP (Legs 100-210), go to <http://www-odp.tamu.edu/publications/>. Click on “Preliminary Reports” to search through a list of ODP locations with links to the data.
 - ODP Leg summaries can be found at http://www.odplegacy.org/science_results/leg_summaries.html.
 - Unfortunately, DSDP is a little more difficult to search by topic. You just have to slog through the publications at <http://www.deepseadrilling.org/>.
 - Access IODP, ODP and DSDP data and photos directly at <http://iodp.tamu.edu/janusweb/general/dbtable.cgi>. Just keep clicking on the blue numbers until you find what you need.