

Deep Earth Water Workshop

Dept. of Earth & Planetary Sciences, Johns Hopkins University; Olin Hall 304

Saturday, May 6:	Arrive at hotel: The Inn at The Colonnade Dinner suggestions supplied.
Sunday, May 7:	Breakfast: 8:00 – 9:00 am, Room 310 Session 1 – Introduction and overview; Activity diagrams. Coffee Break: 10:30 – 10.45 am Session 2 – Prediction of aqueous species free energies as functions of temperature and pressure. Lunchtime: 12:00 - 1:00 pm Island Paradise Session 3 – Calculation of equilibrium constants using SUPCRT92b & the Deep Earth Water Model. Coffee Break: 3:00 – 3.15 pm Session 4 – Application to activity diagrams at low and high temperatures and pressures. Free time 5.00 – 5.45 pm – get back to the hotel. Workshop dinner 6.00 & 6.30 pm at The Food Market (Hampden). Transport by department van and car from the Colonnade at 5.45 pm.
Monday, May 8:	Breakfast: 8:00 – 9:00 am Room 310 Session 1 – Equilibrium and non-equilibrium models; how standard states relate to measurable concentrations. Coffee Break: 10:30 – 10.45 am Session 2 – Aqueous speciation and solubility modeling using EQ3. Lunchtime 12:00-1:00 pm Country Cookin Session 3 – Participant applications Coffee Break: 3:00 – 3.15 pm Session 4 – Participant applications Free time 6.00 – 7.00 pm Free for dinner
Tuesday, May 9:	Breakfast: 8:00 – 9:00 am Room 310 Session 1 – Modeling irreversible fluid-rock reactions. Coffee Break: 10:30 – 10.45 am Session 2 – Introduction to using EQ3 & EQ6. Lunchtime 12:00-1:00 pm Fit and Healthy Session 3 – Participant applications Coffee Break: 3:00 – 3.15 pm Session 4 – Participant applications Free time 6.00 – 7.00 pm Workshop dinner 7.00 pm at Gertrude's (Baltimore Museum of Art) walking distance from Olin Hall.

Wed. May 10:

Breakfast: 8:00 – 9:00 am Room 310

Session 1 – Applications

Coffee Break: 10:30 – 10.45 am

Session 2 – Applications

Early Lunch 11.45 - 12.15 pm

FREE TIME

Afternoon trip to Washington, DC:

Van & car or shuttle from hotel at 1.00 pm

Catch the 1.35 pm Marc train from Baltimore's Penn Station

Arrive at Washington's Union Station at 2.30 pm

Walk to the National Mall and the Smithsonian Institution Museums, all free!

Return on Marc train from Washington's Union Station

JHU Shuttle from Penn Station to near hotel or taxi to hotel.

Thurs. May 11:

Extra time working if desired

Departures by sedan from the Colonnade Hotel.
