Instructors

MATE/MPC: Deidre Sullivan, Fred Hochstaedter

Agenda

**Monday, August 1, 2011**

8:30       Group Introductions
9:00       Introduction to the Course - objectives and logistics –Deidre, Erica
9:45       Break
10:00      Introduction to Ocean Observing Systems– Leslie Rosenfeld
11:15      How drifters have changed how I teach oceanography – Fred
12:00      Lunch
1:15       Building Ocean Drifters – Deidre, Fred, & Erica
4:00       Global Positioning Systems – Deidre
4:30       Group Discussion (participants projects and needs)

**Tuesday, August 2, 2011**

8:30       Programing GPS Transmitters and working with the NOAA Drifter website – Fred
9:30       Introduction to KML
12:00      Field Trip and collecting GPS data – (Boat trip: Whale watching, kayaking, Elkhorn slough safari)
4:00       Return to lab and turn off GPS transmitters
Wednesday, August 3, 2011

8:30   Studying Harmful Algal Blooms – John Ryan
9:30   ERDAP Website – Bob Simons
10:00  Break
11:00  Transforming Drifter Tracks into KML Animations – Fred
12:00  Lunch
1:30   Transforming Drifter Tracks into KML Animations – Fred
2:30   Break
2:45   MATE Drifter Data Portal – Deidre, Bruce

Thursday, August 4, 2011

8:30   GTOPP – Lynn
9:30   Creating KML Time Animations – Fred, Deidre, Bruce
10:00  Break
12:00  Lunch
1:00   Additional software that is helpful: Global Mapper and Tiler
2:00   Work on Creating KML Time Animations
4:00   Prepare faculty presentation

Friday, August 5, 2011

8:30   The MATE Center
9:30   What does an oceanographer see in these animations? – Leslie Rosenfeld
12:00  Lunch
1:00   Presentations by college faculty on how they will use this workshop information in
       the classroom
2:00   Additional time to work on drifter data and animations
4:00   Hike at Pt Lobos State Park (to help visualize seafloor habitats)
       and Pizza at Allegros in Carmel