

Ongoing Activities at Lamont-Doherty's Hudson River Field Station

1. "Day in the Life of the Hudson River" Program at Piermont – ~120 students annually, including teacher & educator pre-event workshops serving ~30 educators annually.
<http://ldeo.columbia.edu/dayinthelife>)
2. NYC Department of Education Teacher Professional Development
 - Series of three Hudson River STEM Workshops: 20 teachers
 - Series of three Hudson River Environmental Issues Workshop: 20 teachers
3. Secondary School Field Research Program (<http://www.ldeo.columbia.edu/SSFRP>) run by Bob Newton, it brings about 60 high school and college students from Rockland, Bergen and New York City to the area to work on environmental research projects for six weeks each summer.
4. Local College Collaborations
 - SUNY Rockland Community College, ongoing partnership on field-based sampling: ~24 students annually
 - Mercy College, Summer explorations of STEM majors for college students transitioning from 2 year to 4 year colleges: ~25 students annually
 - Mercy College, freshmen exploration in STEM fields: ~35 students annually
 - St. Thomas Aquinas College, summer STEM program: ~35 students annually
5. Community Groups
 - Girl Scouts working on badge completion: average 15 per troop, 4 troops per year.
 - Rockland County AmeriCorps Annual Training as an introduction to Rockland County and the Hudson River: ~40 young adults annually
6. Hudson Valley Groups - workshops
 - Teaching the Hudson Valley Institute, teachers and educators exploring community resources on the Hudson: ~20 participants annually
 - Hudson River Clearwater Research and Education vessel, local science sail: ~35 participants set sail from Field Station annually
 - World Science Festival High School Academy, training students in marine science: ~30 participants annually
7. State-wide Events
 - DEC Great Hudson Fish Count: ~30-50 participants seining at end of pier annually

The pier hosts many informal educational activities including:

- The Hudson River Day activities where NYS DEC partners with Lamont and local residents to run canoe trips into the Piermont Marsh and fishing events on the pier.
- Educational displays like the HRECOS video interface that is currently being redesigned for installation at the Piermont Field Station
- Conversations that occur as members of the Piermont community interact with Lamont scientist and educators while they are working on the Pier and in the marsh.

By renovating this facility, we will be able to continue research and educational programming, and with new microscopes, teaching resources, and lab supplies such as seining nets, water tanks, etc. and be able to wonderfully enhance all of the existing educational programming.