

### U.S. Perspectives – New Developments and Opportunities in Aquaculture Research (David O'Brien)

David O'Brien provided an overview of U.S. aquaculture. He identified the priorities of NOAA's Aquaculture Program as: 1) increasing U.S. aquaculture production, 2) creating jobs, and 3) ensuring environmental sustainability. He noted that FAO and World Bank projections show that in order to feed the global population in 2030, an additional 40-50 million tons of food will be required; and by 2030 nearly two-thirds of all seafood globally will come from aquaculture. A number of barriers prevent the growth of the aquaculture industry in the U.S. These include the permitting process, high costs associated with production, market competition, and environmental concerns. Key areas of interest for joint research with China are: a) feeds, b) genetics, c) ecosystem impacts, and d) stock enhancement.