

BIO-OPTICAL Presentations
YEARS 1995 - 2000

YEAR 96-97

Presentations at professional conferences

Armstrong, R.A., J.M. Morell, J.E. Corredor. 1997. **“Monitoring UV radiation in the tropics and the effect of UV-B in shallow water marine organisms”**. Poster presentation at the American Society of Limnology and Oceanography Aquatic Sciences Meeting, Santa Fe, New Mexico, Feb.10-14.

Detres, Y. and R.A. Armstrong. 1997. **“Effects of ultraviolet radiation in photoprotective and photosynthetic pigments in the tropical marine macrophyte *Thalassia testudinum*”**. Poster presentation at the American Society of Limnology and Oceanography Aquatic Sciences Meeting, Santa Fe, New Mexico, Feb.10-14.

Corredor, J.E. and Julio M. Morell. 1997. **“Studies on marine photoprotective pigments and the role of the Caribbean in global change”**. Invited lecture at the Simposio de Oceanografia Quimica-Colegio de Quimicos de Puerto Rico, La Parguera, PR.

Morell, J.M. and J.E. Corredor. 1997. **“Riverine Fertilization of the Caribbean: How far does it spread so far?”** Poster presentation at Annual Meeting - American Society for Limnology and Oceanography, Santa Fe, New Mexico.

Corredor, J.E. and Julio M. Morell. 1996. **“NASA-UPR-TASC Research - Atmospheric N₂O fluxes from Tropical Marine Environments”**. Poster presentation at The Oceanography Society's 1996 Meeting. Amsterdam, The Netherlands.

YEAR 98-99

Invited Presentations

R.A. Armstrong , **“The influence of the Amazon and Orinoco Rivers in the Caribbean Sea”**., Astrobiology, El Niño and South American Ecosystem Workshop. April 7-9, 1999, Mar del Plata, Argentina.

J. Corredor and J. Morell, Interamerican Seas Initiative Workshop, Miami, Florida, Oct.21-24, 1998.

Other Presentations

Roy A. Armstrong and Yasmin Detres, **“Attenuation coefficients of downwelling ultraviolet and visible irradiance in near shore tropical waters”**. ASLO '99 Santa Fe, NM. Feb. 1-5, 1999.

Jorge E. Corredor and Julio M. Morell, **“Seasonal Variation of Physical And Biogeochemical Features In Eastern Caribbean Surface Water”**. ASLO '99 Santa Fe, NM. Feb 1-5 1999.

Julio M. Morell and Jorge E. Corredor, **“Photomineralization of Orinoco River Plume DON: A Latitude-Dependent Empirical Model for The Assessment Of Potential Ammonium Yield”**. ASLO '99 Santa Fe, NM. Feb 1-5 1999.

Y. Detres and R. Armstrong, **“Aging of filters used in UV-B supplementation and exclusion experiments”**. ASLO '99 Santa Fe, NM. Feb. 1-5, 1999.

X. Connelly and R. Armstrong, **“Effects of ultraviolet radiation on the photoprotective pigments of the red mangrove (*Rhizophora mangle*)”**. ASLO '99 Santa Fe, NM. Feb. 1-5, 1999.

R. Armstrong, Y. Detres, X. Connelly, **“The effects of ultraviolet radiation on tropical marine organisms”**. Presented at NASA's Ames Research Center, June 18, 1998.

Y. Detres and R. Armstrong, **“Measurements of UV-B radiation reaching tropical marine benthic ecosystems”**. Poster presented at the American Association of Limnology and Oceanography June 6-11, 1998 meeting.

X. Connelly and R. Armstrong, **“Effects of ultraviolet radiation on red mangrove (*Rhizophora mangle*) optical properties”**. Poster presented at the American Association of Limnology and Oceanography. June 6-11, 1998 meeting.

YEAR 99-00

Presentations

Armstrong, R.A., and D. Cedeño. 2000. **“Optical Properties of a Toxic dinoflagellate in Southwestern Puerto Rico”**. Proceedings, Sixth International Conference Remote Sensing for Marine and Coastal Environments. ERIM, Charleston, South Carolina, May 1-3.

- Corredor, J., J.M. Morell, R.A. Armstrong, J.M. Lopez, and F. Gilbes. 2000. **“Caribbean time series – CaTS; a serial observing station in the northeastern Caribbean”**, ASLO-AGU Ocean Sciences 2000 Meeting, Ocean Sciences of the Californias and the Intra-Americas Sea (IAS) Session, Jan. 23-27, San Antonio, Texas.
- Sastre, M., and R.A. Armstrong. **“SeaWiFS Estimates of Ocean Primary Productivity in the Caribbean Sea”**. NASA University Research Conference (NANURC 2000), April 7-10, Nashville, Tennessee.
- Torres, J.L., J. Morelock, and A.I. Mosquera. **“Skeletal density and lipids production in two massive coral species; effects of sediment influx”**. ASLO International Meeting, Copenhagen, Denmark. June 5-9, 2000.
- Torres, J.L., and R.A. Armstrong. 2000. **“Preliminary study on the spectral response of some Caribbean coral species”**. 35th ACS Junior Technical Meeting and the 20th Puerto Rico Interdisciplinary Scientific Meeting, University of Puerto Rico, Rio Piedras, March 11.