# MARE PICTUM

OUR OWN VIEW OF OCEAN COLOUR





## VITTORIO BARALE

JOINT RESEARCH CENTRE OF THE EUROPEAN COMMISSION







"Virtuoso playing...a great musical discovery."

Richard Wyszynski, THE CHICAGO REVIEW



Mary Lindblom, Cello

Karen Victor, Oboe

Myrl Hendershott, Keyboard

Jill Coady, Flute

Music from the Baroque Era and the Twentieth Century.

Musicianship of the highest standard.

# Martet Quartet

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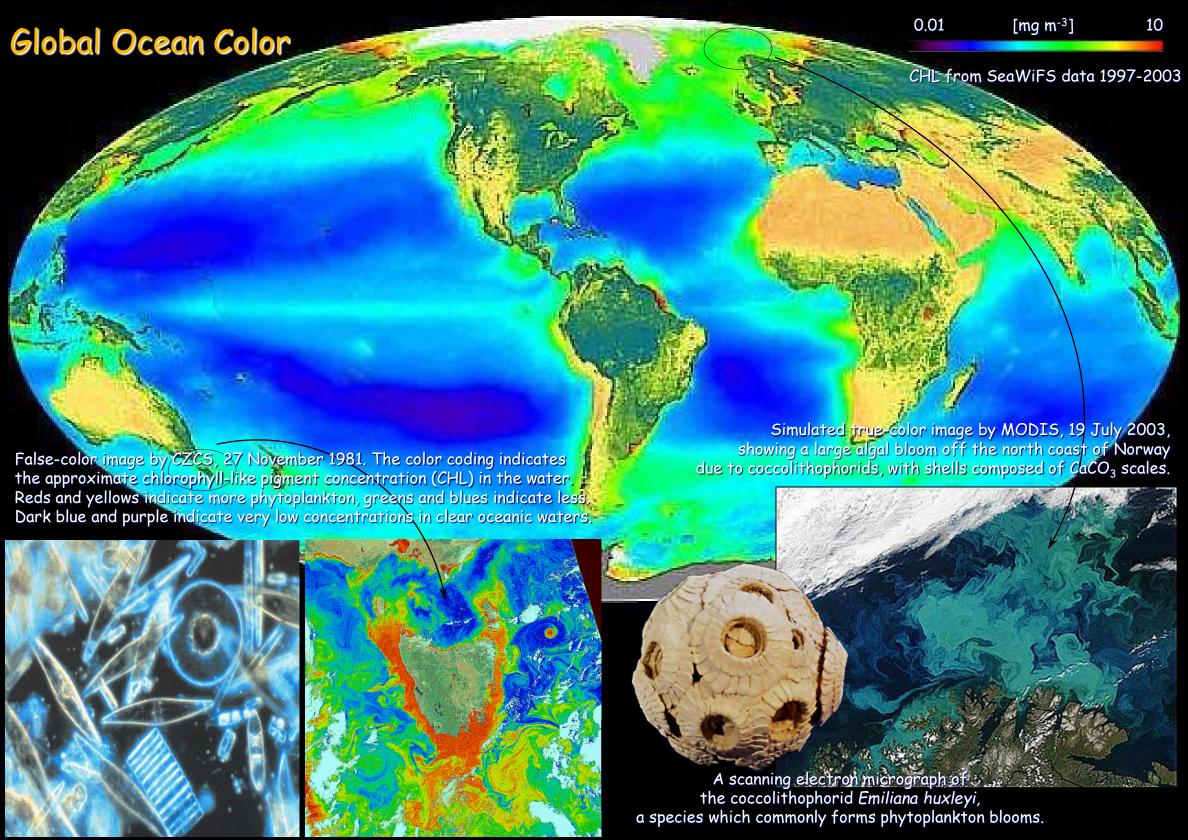
Musicianship of the highest standard.

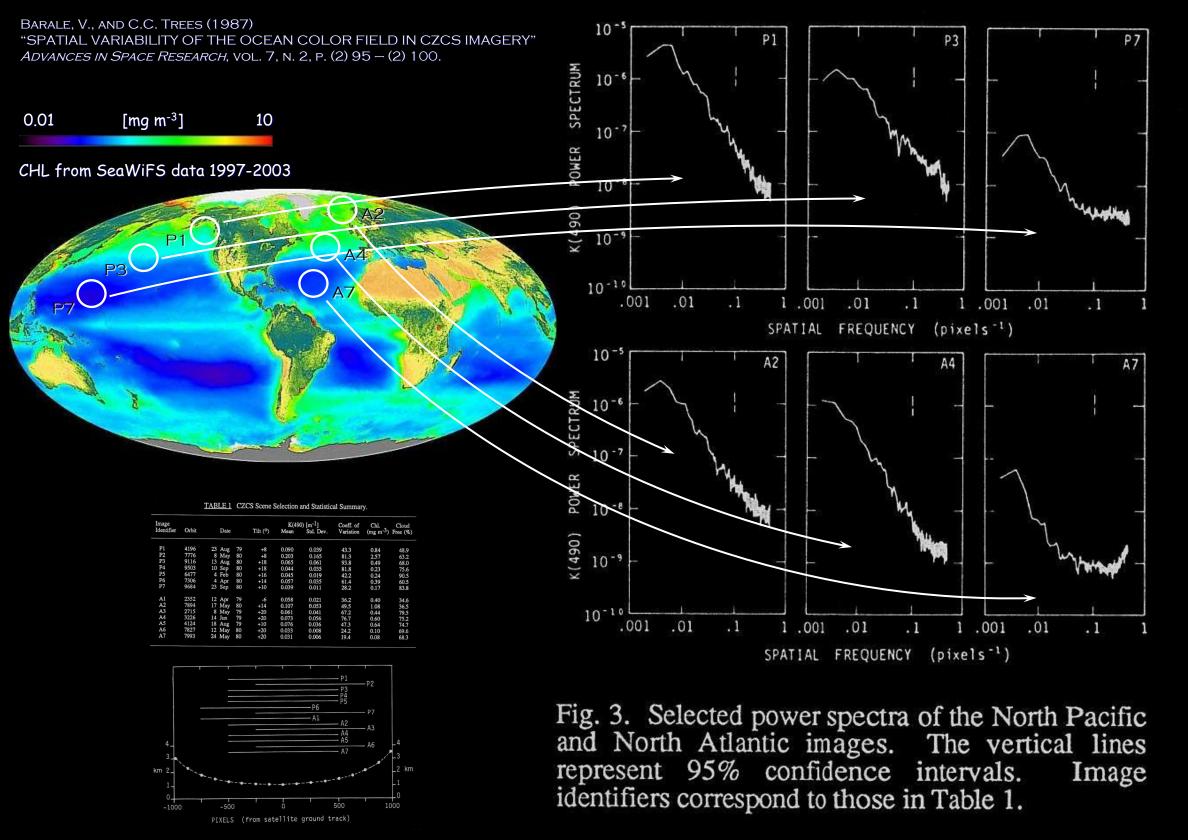
There are two Kinds of Oceanographic Alchemy: there's Batropic and there's Baroclinic ...

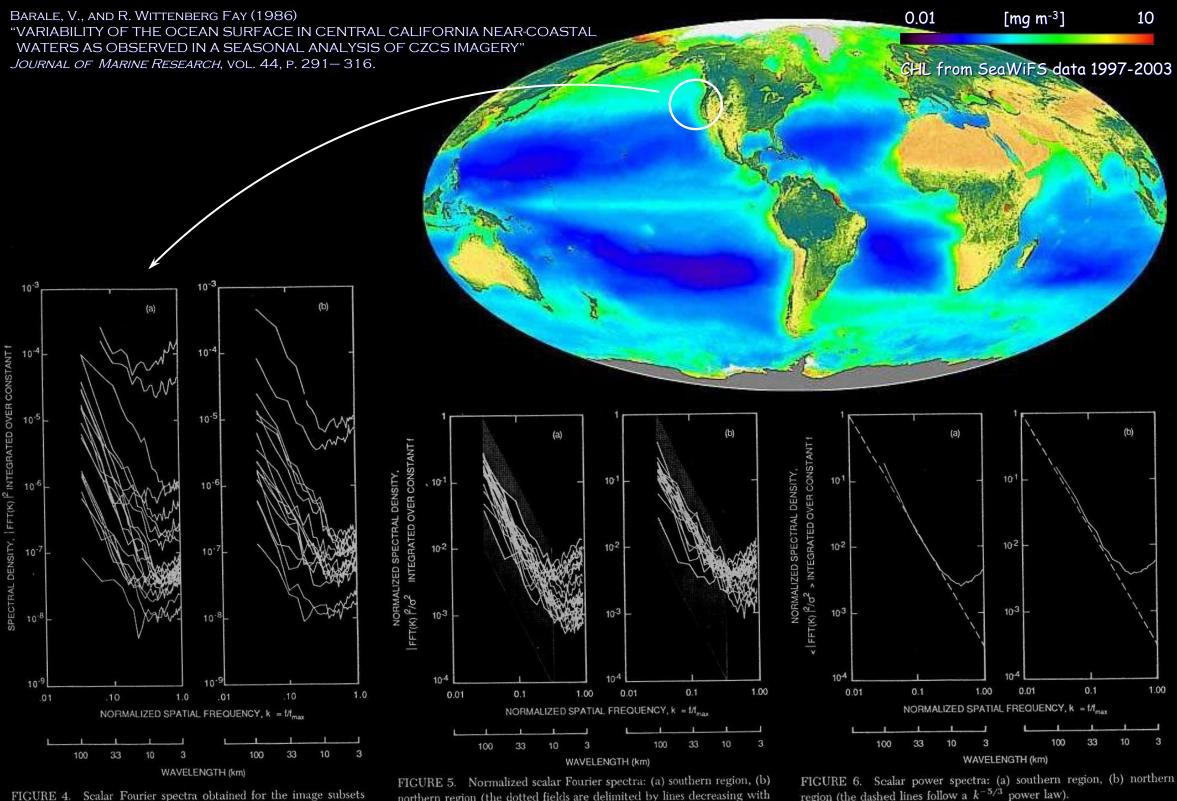












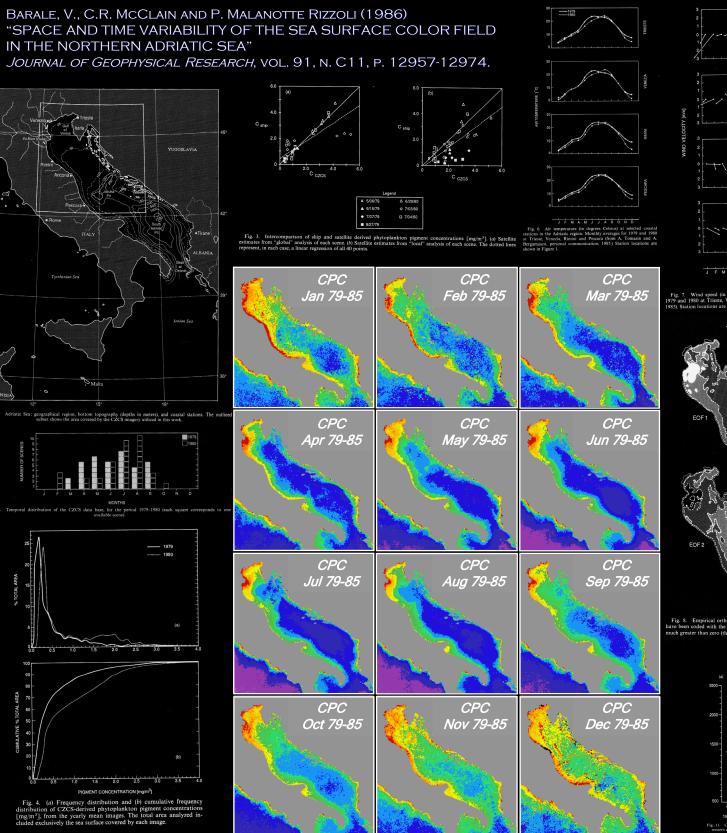
listed in Tables 1 and 2: (a) southern region; (b) northern region.

northern region (the dotted fields are delimited by lines decreasing with a - 2 slope).

region (the dashed lines follow a  $k^{-5/3}$  power law).







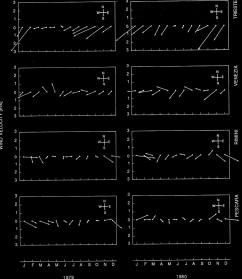


Fig. 7. Wind speed (in meters per second) at selected coastal stations in the Adriatic region, Monthly averages fs 1979 and 1980 at Trieste, Venezia, Rimini and Pescara (from A. Tomasin and A. Bergamasco, personal communicatio 1985). Station locations are shown in Figure 1.

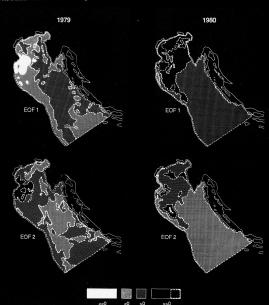
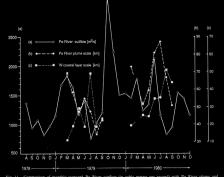


Fig. 8. Empirical orthogonal functions, modes 1 and 2, for the 1979 and 1980 time series. The arbitrary EOF's units have been coded with the gray levels shown, for the categories much less than zero, less than zero, greater than zero, and much greater than zero this last class also has peaks emphasized by further contouring with a dotted line).



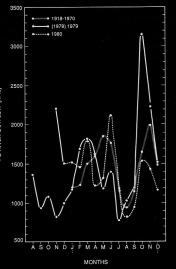


Fig. 5. Po River outflow [m³/s] monthly averages for 1979, 1980, and long-term, 1918–1970 [from Marchetti, 1984].

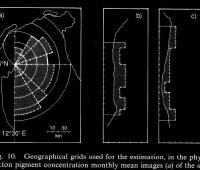
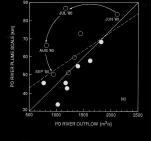
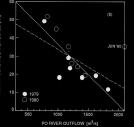
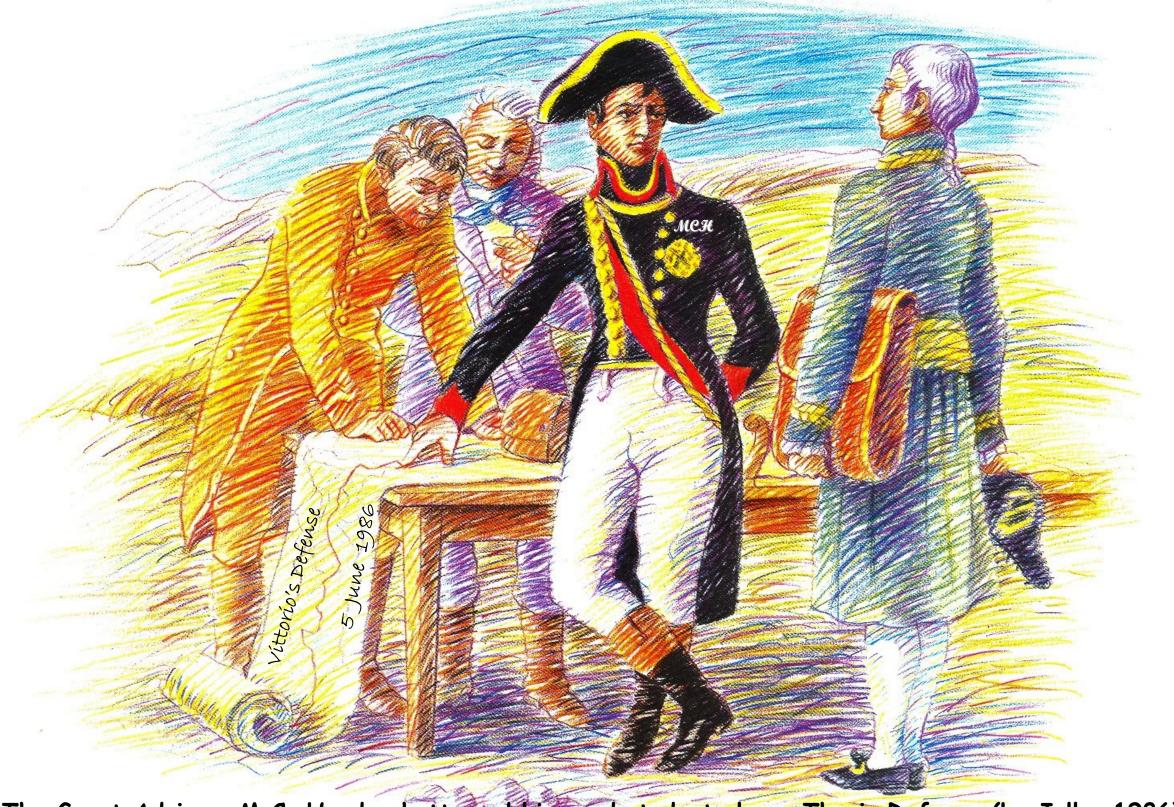


Fig. 10. Geographical grids used for the estimation, in the phyto-plankton pigment concentration monthly mean images (a) of the spa-tial characteristics of the Po River plume and (b) of the western coastal layer, approximately from Rimini to Ancona and (c) from Ancona to Pescara. The estimates shown are relative to the month of







The Great Advisor, M.C. Hendershott, and his grad student plan a Thesis Defense (La Jolla, 1986)





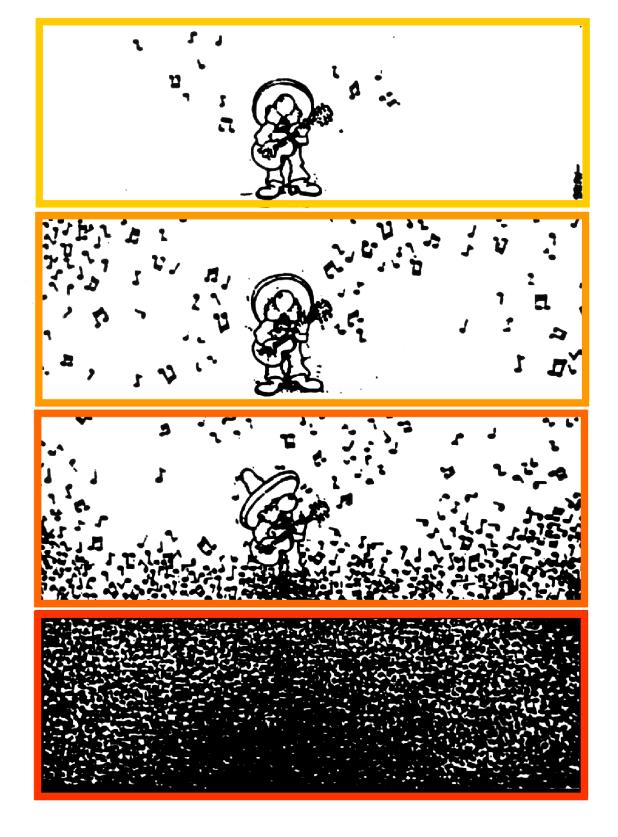


Better Sensors

Larger Satellites

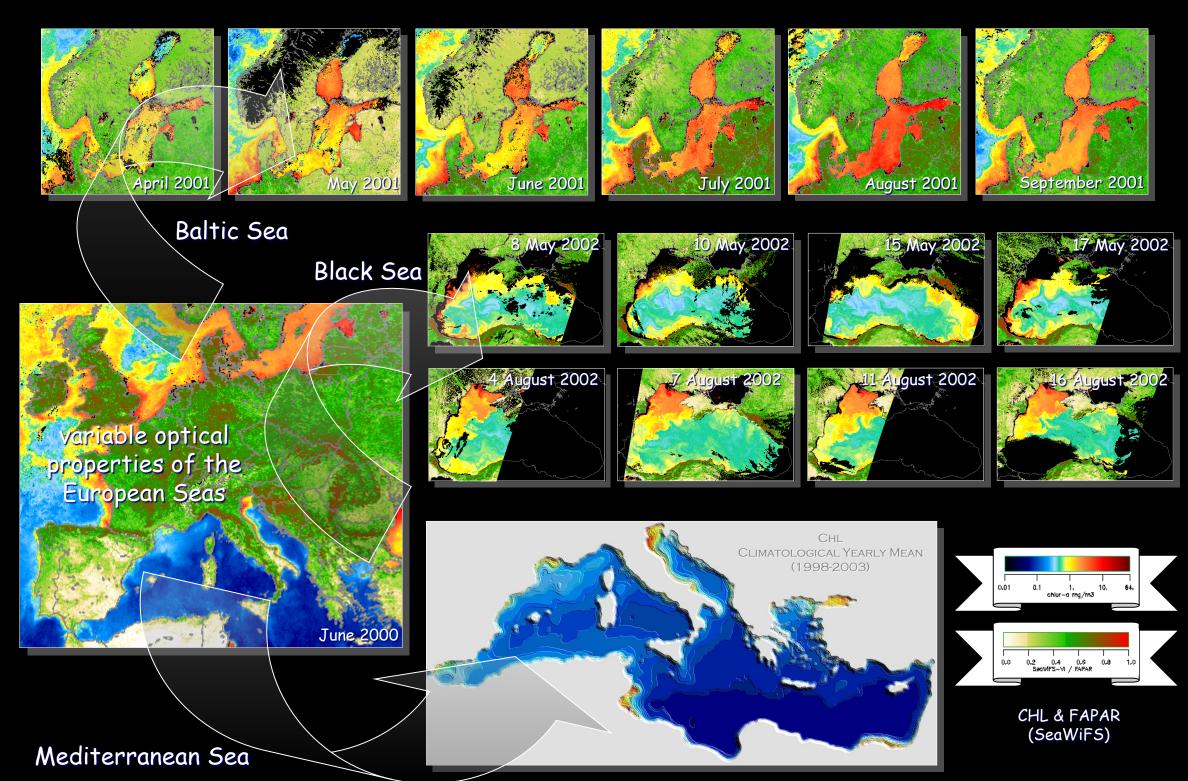
More and More Data ...







#### OPTICAL SIGNATURES OF THE EUROPEAN SEAS ...



### New Environmental Indicators: Climate Change ...

