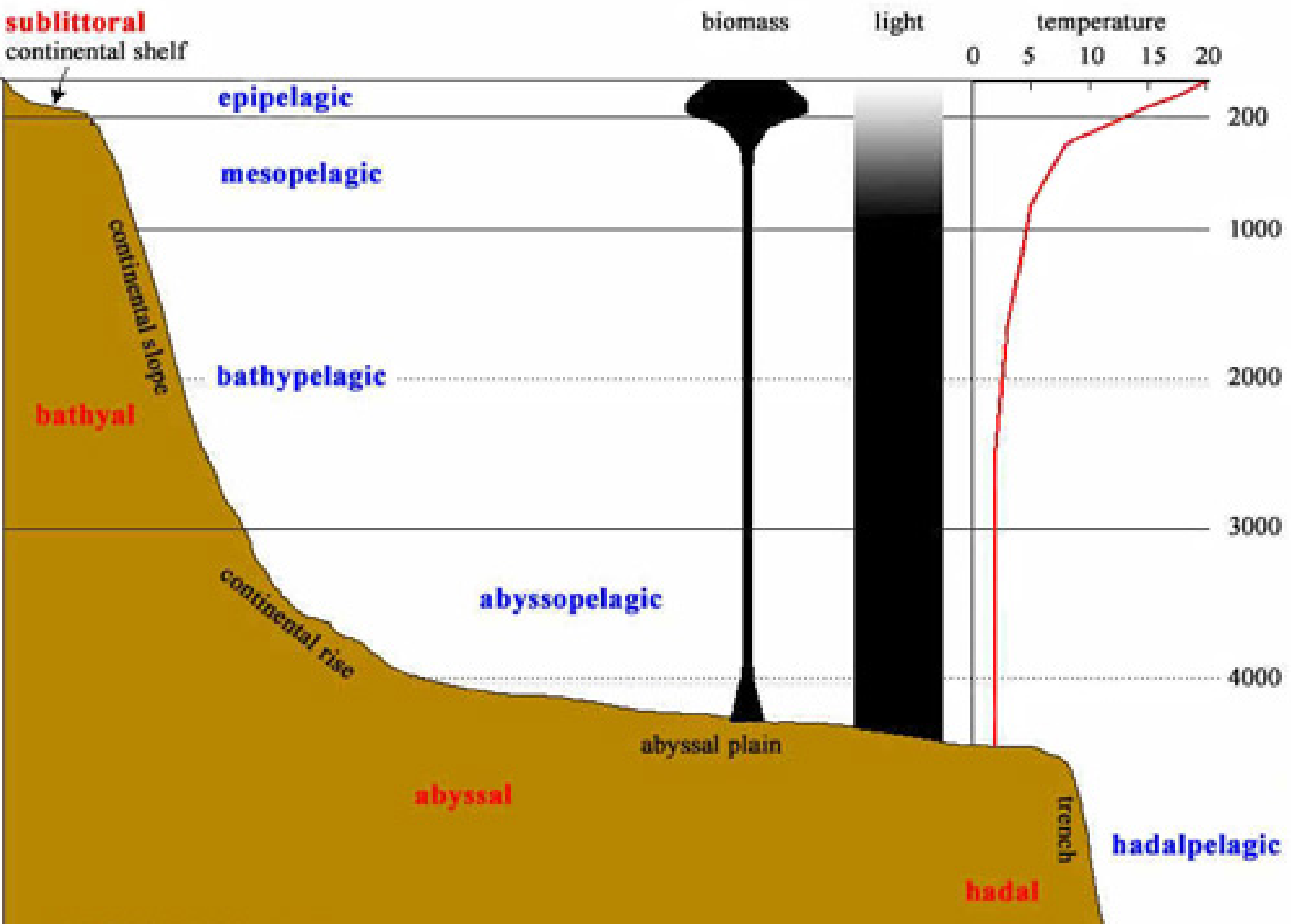


# Oceanology 14

Prof. Dr. Nilsun Demir



# Sedimentation in oceans

- Sediment features, sources
- Sedimentation rate
- Vertical and horizontal distribution of sediment

# Chemical oceanography

- General composition and properties of sea water
- Events affecting sea water composition

# Origin of suspended matter

- Organic and inorganic particles suspended in seawater

# Synoptic physical oceanography

- Temperature
- Salinity
- Pressure
- Oceanic ice
- Optical and acoustical properties of sea water

# Dynamic physical oceanography

- Currents
- Waves
- Tidal movements

# Marine ecology

- Ecological classification of marine environment and organisms
- Ecological factors and organism



# Marine ecology

- Pelagic and benthic communities in the seas
- Organic matter and primary production