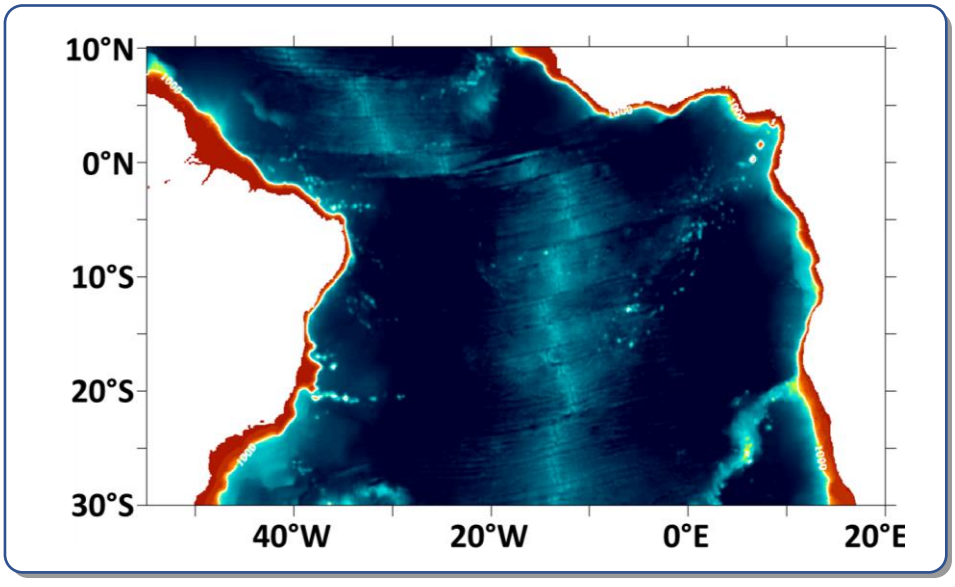
GRD file

```
netcdf croco_grd {
dimensions:
        xi_u = 954 ;
        eta_u = 500 ;
        xi_v = 955 ;
        eta_v = 499 ;
        xi_rho = 955 ;
        eta_rho = 500 ;
        xi_psi = 954 ;
        eta_psi = 499 ;
        one = 1 ;
        two = 2 ;
        four = 4 ;
        bath = 1 ;
variables:
        double xl(one) ;
                xl:long_name = "domain length in the XI-direction" ;
                xl:units = "meter" ;
        double el(one) ;
                el:long_name = "domain length in the ETA-direction" ;
                el:units = "meter" ;
        double depthmin(one) ;
                depthmin:long_name = "Shallow bathymetry clipping depth" ;
                depthmin:units = "meter" ;
        double depthmax(one) ;
                depthmax:long_name = "Deep bathymetry clipping depth" ;
                depthmax:units = "meter" ;
        char spherical(one) ;
                spherical:long_name = "Grid type logical switch" ;
                spherical:option_T = "spherical" ;
        double angle(eta_rho, xi_rho) ;
                angle:long_name = "angle between xi axis and east" ;
                angle:units = "radian" ;
        double h(eta_rho, xi_rho) ;
                h:long_name = "Final bathymetry at RHO-points" ;
                h:units = "meter" ;
        double hraw(bath, eta_rho, xi_rho) ;
                hraw:long_name = "Working bathymetry at RHO-points" ;
                hraw:units = "meter" ;
        double alpha(eta_rho, xi_rho) ;
                alpha:long_name = "Weights between coarse and fine grids at RHO-points" ;
        double f(eta_rho, xi_rho) ;
                f:long_name = "Coriolis parameter at RHO-points" ;
                f:units = "second-1" ;
        double pm(eta_rho, xi_rho) ;
                pm:long_name = "curvilinear coordinate metric in XI" ;
                pm:units = "meter-1" ;
        double pn(eta_rho, xi_rho) ;
                pn:long_name = "curvilinear coordinate metric in ETA" ;
                pn:units = "meter-1" ;
        double dndx(eta_rho, xi_rho) ;
                dndx:long_name = "xi derivative of inverse metric factor pn" ;
                dndx:units = "meter" ;
        double dmde(eta_rho, xi_rho) ;
                dmde:long_name = "eta derivative of inverse metric factor pm" ;
                dmde:units = "meter" ;
        double x_rho(eta_rho, xi_rho) ;
                x_rho:long_name = "x location of RHO-points" ;
                x_rho:units = "meter" ;
        double x_u(eta_u, xi_u) ;
                x_u:long_name = "x location of U-points" ;
                x_u:units = "meter" ;
        double x_v(eta_v, xi_v) ;
                x_v:long_name = "x location of V-points" ;
                x_v:units = "meter" ;
        double x_psi(eta_psi, xi_psi) ;
                x_psi:long_name = "x location of PSI-points" ;
                x_psi:units = "meter" ;
        double y_rho(eta_rho, xi_rho) ;
                y_rho:long_name = "y location of RHO-points" ;
                y_rho:units = "meter" ;
```

```
        double y_u(eta_u, xi_u) ;
                y_u:long_name = "y location of U-points" ;
                y_u:units = "meter" ;
        double y_v(eta_v, xi_v) ;
                y_v:long_name = "y location of V-points" ;
                y_v:units = "meter" ;
        double y_psi(eta_psi, xi_psi) ;
                y_psi:long_name = "y location of PSI-points" ;
                y_psi:units = "meter" ;
        double lon_rho(eta_rho, xi_rho) ;
                lon_rho:long_name = "longitude of RHO-points" ;
                lon_rho:units = "degree_east" ;
        double lon_u(eta_u, xi_u) ;
                lon_u:long_name = "longitude of U-points" ;
                lon_u:units = "degree_east" ;
        double lon_v(eta_v, xi_v) ;
                lon_v:long_name = "longitude of V-points" ;
                lon_v:units = "degree_east" ;
        double lon_psi(eta_psi, xi_psi) ;
                lon_psi:long_name = "longitude of PSI-points" ;
                lon_psi:units = "degree_east" ;
        double lat_rho(eta_rho, xi_rho) ;
                lat_rho:long_name = "latitude of RHO-points" ;
                lat_rho:units = "degree_north" ;
        double lat_u(eta_u, xi_u) ;
                lat_u:long_name = "latitude of U-points" ;
                lat_u:units = "degree_north" ;
        double lat_v(eta_v, xi_v) ;
                lat_v:long_name = "latitude of V-points" ;
                lat_v:units = "degree_north" ;
        double lat_psi(eta_psi, xi_psi) ;
                lat_psi:long_name = "latitude of PSI-points" ;
                lat_psi:units = "degree_north" ;
        double mask_rho(eta_rho, xi_rho) ;
                mask_rho:long_name = "mask on RHO-points" ;
                mask_rho:option_0 = "land" ;
                mask_rho:option_1 = "water" ;
        double mask_u(eta_u, xi_u) ;
                mask_u:long_name = "mask on U-points" ;
                mask_u:option_0 = "land" ;
                mask_u:option_1 = "water" ;
        double mask_v(eta_v, xi_v) ;
                mask_v:long_name = "mask on V-points" ;
                mask_v:option_0 = "land" ;
                mask_v:option_1 = "water" ;
        double mask_psi(eta_psi, xi_psi) ;
                mask_psi:long_name = "mask on PSI-points" ;
                mask_psi:option_0 = "land" ;
                mask_psi:option_1 = "water" ;

// global attributes:
                :title = "Tropical Atlantic" ;
                :date = "14-Oct-2022" ;
                :type = "CROCO grid file" ;
}
```



LLm = 953 ; MMm = 498