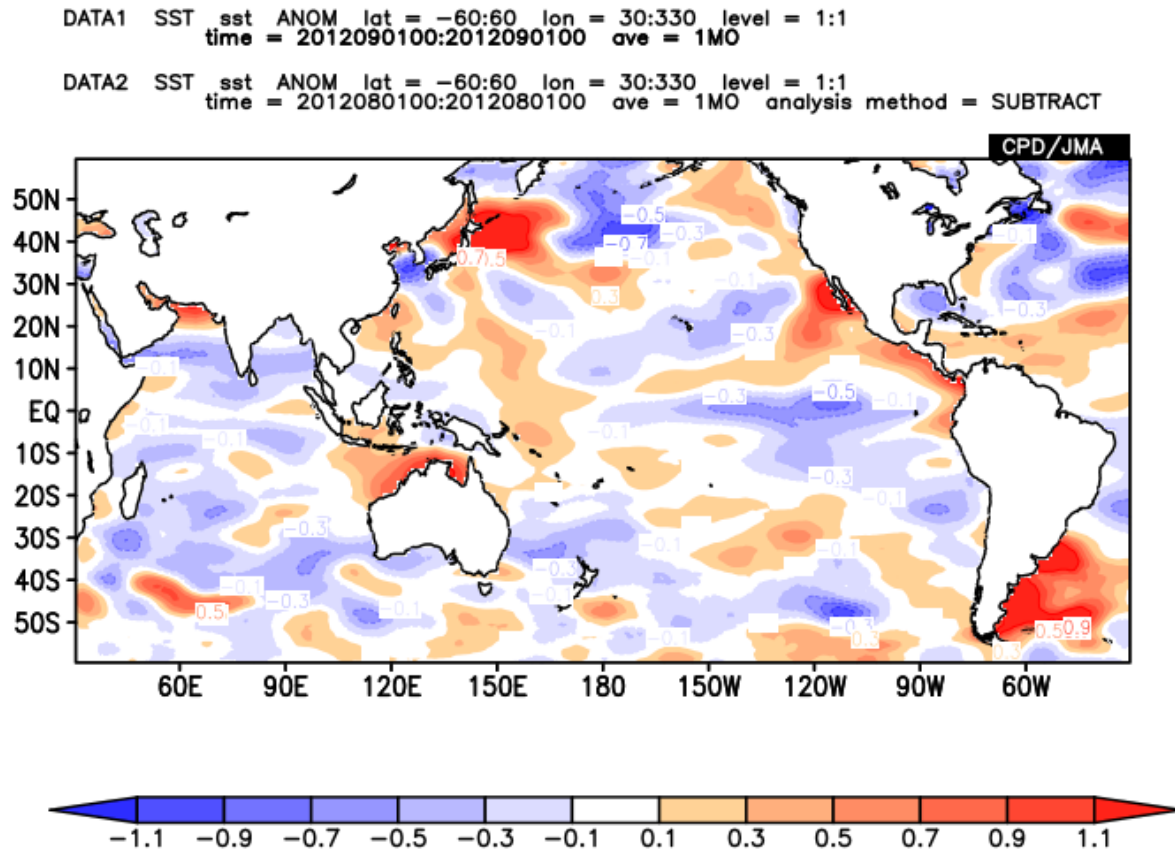


# Difference in monthly mean SST anomalies



**Difference in monthly mean SST anomalies  
from August to September 2012**

- Create a map of differences between two sets of data.

# Difference of monthly mean SST anomalies

**Analysis Dataset**

Select parameters Graphic Options

**Data1**

Adjust the longitude and latitude ranges.

1 Dataset SST

2 Element Sea Surface Data Temperature (SST) [C]

3 Data type ANOM

4 Area ALL Lat: -60 - 60 Ave Lon: 30 - 330 Ave

5 Level 1 - 1

6 Time unit MONTHLY

Showing period RANGE 2012 9 2012 9

☐ Ave ☐ Year-to-year ☐ Time filter

☐ Vector ☐ SD

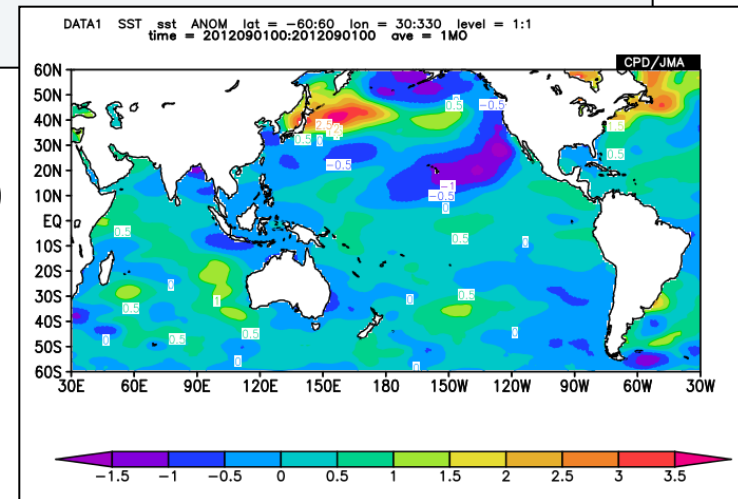
Derivative: ☐ lon ☐ lat

Analysis method: -Analysis method-

☐ Use parameter code

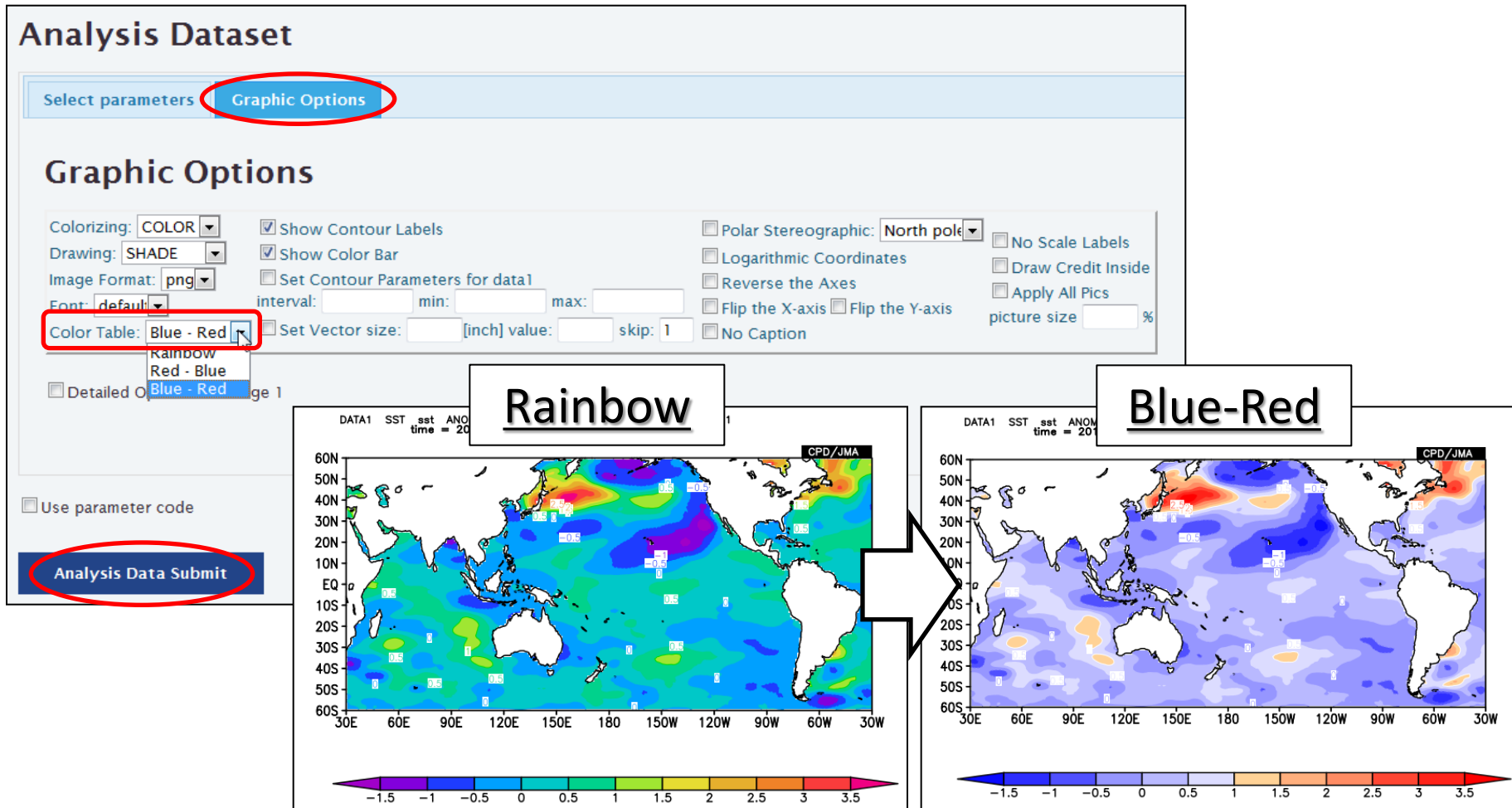
**Analysis Data Submit**

1. **Dataset**: SST
2. **Element**: Sea Surface Data -> Temperature (SST)
3. **Data type**: ANOM
4. **Area**: Lat: "-60"—"60", Lon: "30"—"330"
5. **Time unit**: MONTHLY
6. **Showing period**: 2012/9



- First, show SST anomalies for September 2012.

# Difference of monthly mean SST anomalies



- Click “Graphic Options” and select “Blue-Red” as the “Color Table” .
- Click “Analysis Data Submit” to display the map with blue-red shading.

# Difference of monthly mean SST anomalies

**Analysis Dataset**

Select parameters | Graphic Options

**Data1**

| Dataset | Element                                   | Data type | Area  | Level | Time unit  | Showing period            |
|---------|---|-----------|---|-------|--|---------------------------|
| SST     | Sea Surface Data<br>Temperature (SST) [C] | ANOM      | ALL<br>Lat: -60 - 60 Ave <input type="checkbox"/><br>Lon: 30 - 330 Ave <input type="checkbox"/> | 1 - 1 | MONTHLY<br><input type="checkbox"/> Ave <input type="checkbox"/> Year-to-year <input type="checkbox"/> Time filter | RANGE<br>2012 9<br>2012 9 |

☐ Vector ☐ SD  
Derivative: ☐ lon ☐ lat

Analysis method: SUBTRACT

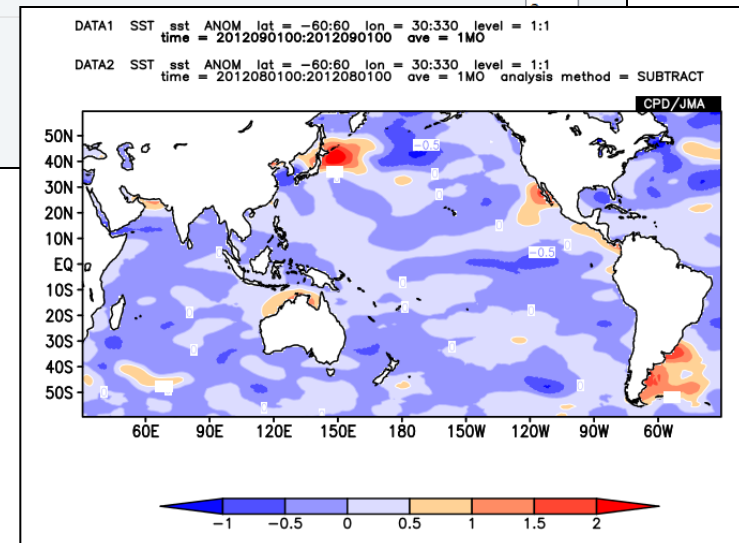
**Data2**

| Dataset | Element  | Data type | Area  | Level | Time unit  | Showing period            |
|---------|--|-----------|---|-------|--|---------------------------|
| SST     | Sea Surface Data<br>Temperature (SST) [C]<br><input type="checkbox"/> SD | ANOM      | ALL<br>Lat: -60 - 60 Ave <input type="checkbox"/><br>Lon: 30 - 330 Ave <input type="checkbox"/> | 1 - 1 | MONTHLY<br><input type="checkbox"/> Ave <input type="checkbox"/> Year-to-year <input type="checkbox"/> Time filter | RANGE<br>2012 8<br>2012 8 |

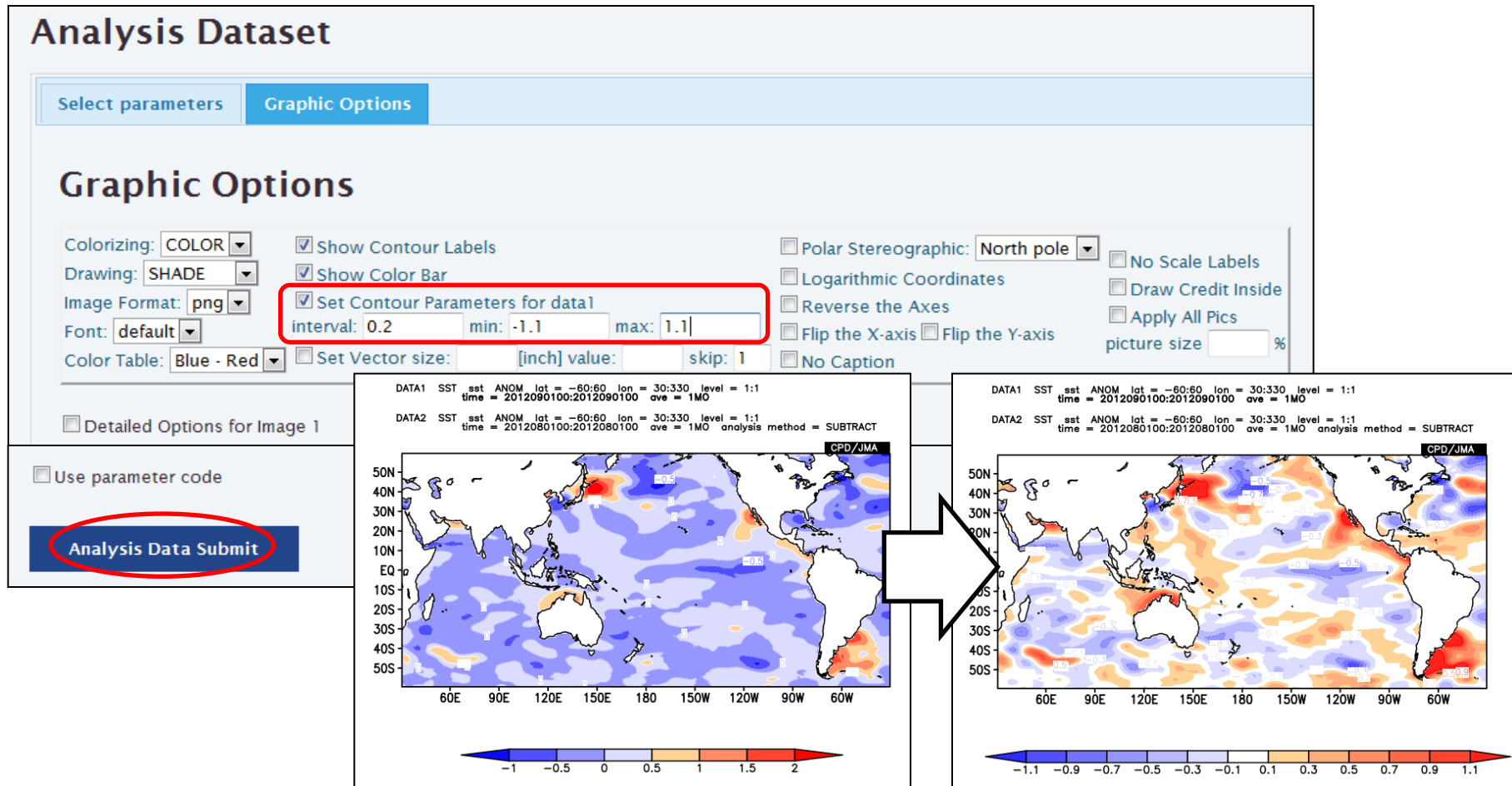
☐ Use parameter code

Analysis Data Submit

- After “SUBTRACT” is set as the “Analysis method”, the “Data2” fields will appear.
- Select “2012/8” as the “Showing period” in the “Data2” field and click “Analysis Data Submit”.



# Difference of monthly mean SST anomalies



- Check “Set Contour Parameter for data1” and the contour line options to unify the contour interval.
- Click “Analysis Data Submit” to show a map with contour line intervals of 0.2°C.