Expected Result 5:
Key Outcomes and Key Performance Indicators

**Expected Result 5**
*Advance targeted research:*
Enhanced capabilities of Members to contribute to and draw benefits from the global research capacity for weather, climate, water and related environmental science and technology development

**KO 5.1:**
Research in climate prediction/projection to improve the skills of seasonal, decadal and longer timescales is enhanced

- **KPI 5.1.1:** Number of new activities advancing climate research capacity at the global and regional level, especially for early career scientists and scientists from developing and LDC countries
- **KPI 5.1.2:** Number of early career scientists and scientists from developing and least developed countries that WCRP funded to participate in activities to advance climate research
- **KPI 5.1.3:** Degree of satisfaction among NMHSs with the skill of climate predictions

**KO 5.2:**
Research in the prediction of high-impact weather on time scales of hours to seasons is enhanced

- **KPI 5.2.1:** Number of total research projects (new, ongoing and completed) on operational products and services
- **KPI 5.2.2:** Number of Members whose operational products and services have improved as a result of WMO research projects
- **KPI 5.2.3:** Number of NMHSs in developing and least developed countries participating in regional and international research initiatives on high impact weather or severe weather forecasting demonstration projects

**KO 5.3:**
Atmospheric chemistry observations and assessment meet needs of environmental conventions and policy assessments

- **KPI 5.3.1:** Degree of Member satisfaction with the (a) usefulness and (b) timeliness of Global Atmospheric Chemistry Bulletins
- **KPI 5.3.2:** Degree of Member satisfaction with the usefulness of (a) GAW measurement guidelines and reports, (b) Sand-and-Dust storm products, and (c) the chemical weather activities of GURME

**KO 5.4:**
High impact and severe weather observations and assessments meet needs of policy and decision making

- **KPI 5.4.1:** Degree of Member satisfaction with the usefulness of observations and assessments