**Template for Project Reports for the GEWEX SSG Meeting**

*A4 page size; 1-inch margins; Arial or Helvetica 10 pt for text.*

**Full Panel, Project or Working Group Name (Acronym)**

**Reporting Period:**

**Starting date:**

**End date (where appropriate):**

**URL:**

**Chair(s) and term dates:**

**Please report on the following:**

1. **2-3 major panel accomplishments or significant contributions for the reporting period**
2. **Panel activities**
3. **New projects in place**
4. **New projects and activities being planned, including timeline**
5. **Science highlights**
6. **Science issues**
7. **Contributions to developing GEWEX science; fit into GEWEX imperatives**
8. **List contributions to the GEWEX Science Questions and plans to include these.**
* **Observations and Predictions of Precipitation**
* **Global Water Resource Systems**
* **Changes in Extremes**
* **Water and energy cycles**
1. **Other key science questions that you anticipate your community would want to tackle in the next 5-10 years within the context of a land-atmosphere project (1-3 suggestions)**
2. **Briefly list any specific areas of your panel’s activities that you think would contribute to the WCRP Grand Challenges as identified by the JSC (not covered under 9).**
* **Provision of skillful future climate information on regional scales (includes decadal and polar predictability)**
* **Regional Sea-Level Rise**
* **Cryosphere response to climate change (including ice sheets, water resources, permafrost and carbon)**
* **Improved understanding of the interactions of clouds, aerosols, precipitation, and radiation and their contributions to climate sensitivity**
* **Past and future changes in water availability (with connections to water security and hydrological cycle)**
* **Science underpinning the prediction and attribution of extreme events**
1. **Cooperation with other WCRP projects (CLIVAR, CliC, SPARC), outside bodies (e.g. IGBP) and links to applications**
2. **Workshops/meetings held**
3. **Workshops / meetings planned. Include travel support needs anticipated (for WCRP). Include tentative meetings planned up to 2 years (for IGPO planning purposes)**
4. **Other meetings that were attended on behalf of GEWEX or your Panel**
5. **Issues for the SSG**
6. **List of key publications (*where appropriate*)**
7. **List of members and their term dates (including changes) where appropriate:**