

What exactly will it take to make a measurable improvement in products and services over the next two years?

Foundational elements now in place:

SoG goals:

1. Maintain services where long term continuity is in doubt.
2. Improving existing services.
3. Enable services.

SoG recommendations:

1 - 11

Terms of reference:

a - d

Services that will be improved through our actions within two years:

1. Forecast solar active region eruption

Purpose: SoG_g2 (improve existing services)

Actions:

1. Coordinate and standardize ground-based solar data (SoG_r3)
2. Include standardized data in WIS (ToR_a2)
3. Integrate observations, harmonize sensor specifications, intercalibrate, etc. (ToR_c)
4. Integrate RWC services and track quality improvement (ToR_b)

2. Forecast geomagnetic storm onset and strength

Purpose: SoG_g1 and SoG_g2

Actions:

1. Organize a workshop of all space-capable nations with an interest in space weather services to establish a process for the long-term continuity of essential space-based observations (SoG_r2)
2. (?) Include solar wind measurements and other derived products in WIS (ToR_a)
3. Coordinate (harmonize) and compare quality of forecasts and derived products (ToR_b)

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