| No. | Action | Responsible | Deadline | ICPO Support |
|---|---|---|---|---|
| | **SSG** | | | |
| 1 | Honour request from ETCCDI to renew 2 year-term of CLIVAR members | | Done | |
| 2 | Develop a perspective vis-à-vis the JSC position on extremes | Schubert, Pirani with GEWEX | JSC 33 | Beswick |
| 3 | Develop a 2-page prospectus on an alternate WCRP management structure | Goddard, Schubert, Visbeck | OSC | Pirani |
| 4 | Communicate CLIVAR's recommendation to the JSC on Grand Challenges | Hurrell, Visbeck | OSC | Molinari |
| 5 | Clarify the WCRP monsoon structure with one paragraph input from GEWEX, WGSIP, VAMOS, AAMP | Scaife, Berbery, Sperber | OSC | Ereno |
| 6 | Develop Terms of Reference (TOR) and list of potential members for Task Force on how WCRP/CLIVAR can best improve components of earth systems models (perhaps modelling on US CLIVAR CPTs) | Terray, Bony, Drange, Scaife, Rintoul, Berbery, Schubert | OSC | Pirani |
| 7 | Develop TOR and list of potential members for Task Force on how best to communicate WCRP/CLIVAR research findings to IMBER and coastal research communities, and develop mechanisms for enhancing collaboration and exchange | Drinkwater, Cai, Yu, Speer, Wang, Haines | OSC | Caltabiano |
| 8 | Develop TOR and list of potential members for Task Force on how best to communicate CLIVAR research findings | Detemmerman, Boscolo, Drinkwater, Gulev, Rintoul, Masson-Delmotte, Blade, ICPO | OSC | Beswick |

| 9 | Develop TOR and list of potential members for Task Force on design of ocean climate indices on time scales from days to centuries | Harrison, Masson-Delmotte, GSOP, basin panels | OSC | Caltabiano |
|---|---|---|---|---|
| 10 | Develop TOR and list of potential members for Task Force to map out CLIVAR decadal variability and predictability activities across all panels, linking with US CLIVAR Decadal WG and WGCM/WGSIP DCPP | Goddard, Boer, Scaife, WGSIP, WGCM, basin panels | OSC | Pirani |
| | **MODELLING PANELS** | | | |
| 11 | Encourage the organizers of the WGCM CMIP5 Workshop to include a SPARC DynVar session | WGCM, DynVar | OSC | Pirani |
| 12 | Explore possibility of including decadal variability in WGSIP's scope as one of the activities of the Decadal predictability task force | WGSIP, WGCM | OSC | Pirani |
| | **INDIVIDUAL PANELS (ALL)** | | | |
| 13 | Report on ongoing studies of regional sea level changes to ICPO | PP, IOP, AOP, SOP | OSC | Caltabiano /Beswick |
| 14 | Report on ongoing work and future aspirations on upwelling systems to ICPO | AOP, VOCALS, IOP | OSC | Caltabiano |
| 15 | Encourage regional panels to explore links to SPARC/DynVar | PP, IOP, AOP, SOP,VAMOS, AAMP, VACS | OSC | Caltabiano /Beswick |
| 16 | Encourage the ocean basin panels to exploit the CORE-II WGOMD experiments | Basin panels, WGOMD | OSC | Caltabiano /Beswick |
| 17 | Explore linkages with PAGES and provide thoughts for opportunities in time for OSC | Panels report to SSG co-chairs | OSC | Beswick |
| | **IOP** | | | |

| 18 | Encourage the IOP to develop a science research plan for air-sea climate issues | IOP | OSC | Caltabiano |
|----|---|---|---|---|
| 19 | Reaffirm the importance of the ITF task force by highlighting its synergy with current and future panel activities | PP, IOP | OSC | Caltabiano |
| | **AIP** | | | |
| 20 | Contribute to the model improvement CPT and develop a strategy on how to best reduce tropical biases with a focus on the Atlantic in the context of a cross cutting CLIVAR 'challenge' | AIP, WGSIP, WGCM, WGOMD | OSC | Caltabiano |
| | **PP** | | | |
| 21 | Contribute to the model improvement CPT to explain how the regional process studies can contribute | PP, WGSIP, WGCM, WGOMD | OSC | Caltabiano |
| | **SOP** | | | |
| 22 | Contribute to the model improvement CPT on issues of ocean eddy mixing and deep ocean overflows | SOP, WGSIP, WGCM, WGOMD | OSC | Beswick |
| | **GSOP** | | | |
| 23 | Revisit the GSOP terms of reverence vis a vis those of WOAP/WCRP Data Council and OOPC and make recommendations to SSG prior to OSC | GSOP | September, 2011 | Caltabiano |
| 24 | Encourage GSOP to use the Framework for Ocean Observations document to guide their activities | GSOP | September, 2011 | Caltabiano |
| 25 | GSOP and basin panels work with task force on ocean indices | ETCCDI, GSOP | OSC | Caltabiano |
| 26 | Recommend that ocean data and indices consistently use a format that is compatible for model intercomparison and evaluation | Basin panels, ETCCDI | OSC | Caltabiano |

| 27 | Increase interactions between GSOP and WGOMD on the intercomparison, evaluation and development of ocean syntheses products and free running ocean models | GSOP, WGOMD | OSC | Pirani |
|----|----|----|----|----|
| 28 | Develop interactions with ESA and EUMETSAT, for example with summer schools and data homogenisation | ICPO | SSG19 | Molinari |
| 29 | Encourage GSOP and basin panels to interact with WGSIP on the observational requirements to initialize and verify predictions | GSOP, WGSIP, basin panels | SSG19 | Pirani |
| 30 | Explore linkages with Arctic Ocean community (i.e., AOSB) to provide guidance and advice to facilitate Arctic Ocean data synthesis | CliC, WGOMD, GSOP | SSG19 | Caltabiano |
| | **VAMOS** | | | |
| 31 | Provide a short summary of the linkages to other WCRP activities in South America for the SSG to evaluate if it is also de facto a WCRP regional panel | VAMOS, AOP, PP | SSG19 | Ereno |
| | **AAMP** | | | |
| 32 | Promote capacity building in the RCOFs, to improve their methodology for making seasonal to interannual forecasts and verifying their skill | JSC Group on Climate Services, WGSIP, AAMP | SSG19 | Ereno |
| | **VACS** | | | |
| 33 | Evaluate future integration of GEWEX as a co-sponsor of VACS | VACS, GEWEX | OSC | Pirani |
| 34 | Generate 2-page VACS science plan for consideration at first meeting | VACS | OSC | Pirani |
| | **ICPO with CLIVAR Panels and Working Groups** | | | |
| 35 | Identify capacity building | Panels, | SSG19 | Molinari |

| | | | | |
|---|---|---|---|---|
| | activities for CLIVAR with ICPO developing a template | Working groups, ICPO | | |
| 36 | Determine who is using CLIVAR information, how the transfer of knowledge is organized using an ICPO developed template | Panels, working groups, ICPO | SSG19 | Molinari |
| 37 | Report on CLIVAR endorsed projects using an ICPO developed template | Panels, working groups, ICPO | SSG19 | Molinari |