| https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQqPr9EongtPyxWbE3oc1XGxPGhFv32UKXUTn4XGio82bVEDR9ILYtpuUqi **GCOS SCIENCE DAY Programme**  **importance of the climate observations in THE ARCTIC region**  **Monday 22 octobeR 2018**  **FINNISH METEOROLOGICAL INSTITUTE, Erik palmenin aukio 1, 00560 helsinki**  |
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| # | **TIME** | **TOPIC** | **PRESENTER / AUTHOR** |
|  | 08:30 – 09:00 | **R**egistration-Tea / Coffee  |  |
|  |  | **Session 1: The Global and regional context** | **Chair: Johanna Tamminen** |
|  | 09:00 – 09:10 | Opening | Juhani Damski, FMI |
|  | 09:10 – 09:30 | What is GCOS and why should we care about climate monitoring | Stephen Briggs, Chairman GCOS Steering Committee  |
|  | 09:30 – 09:50 | GCOS implementation plan: vision and challenges | Carolin Richter, Director, GCOS Secretariat |
|  | 09:50 – 10:10 | Vision and Strategies of Finnish Meteorological Institute | Juhani Damski, FMI |
|  | 10:10 – 10:30 | Q & A session |  |
|  | 10:30 – 10:50 | Tea / Coffee Break |  |
|  |  | **Session 2: Arctic now and tomorrow** | **Chair: Jyri Heilimo** |
|  | 10:50 – 11:10 | Finland’s Chairmanship of the Arctic Council  – Visions and Priorities. | Rene Söderman, Ministry for Foreign Affairs |
|  | 11:10 – 11:30 | Existing Arctic observing capacity assessed in the framework of INTAROS | Roberta Pirazzini, FMI |
|  | 11:30 – 11:50 | EUMETSAT views on future the Arctic observations from satellites | Kenneth Holmlund, EUMETSAT |
|  | 11:50 – 12:10 | Remote sensing capacity in the Arctic | Johanna Tamminen, FMI |
|  | 12:10 – 12:30 | Q & A session |  |
|  | 12:30-13:30 | LUNCH BREAK |  |
|  |  | **Session 3: Science-based information for decision makers** | **Chair: Johanna Ekman** |
|  | 13:30 – 13:50 | Providing climate knowledge for decision-makers – Insights from Finland | Antti Pelkonen, Prime Minister’s Office Finland |
|  | 13:50 – 14:10 | Requirements and strategy for Pan-Arctic Observing Systems | Hanne Sagen, NERSC |
|  | 14:10 – 14:30 | Satellite based observations provide information for decision making | Jyri Heilimo, FMI |
|  | 14:30 – 14:50 | Q & A session |  |
|  | 14:50 – 15:00 | Tea / Coffee Break |  |
|  |  | **Session 4: Climate change and observing initiatives** | **Chair: Mikko Strahlendorff** |
|  | 15:00 – 15:20 | Integrated Carbon Observing System and GEO-C | Werner Kutsch, ICOS |
|  | 15:20 – 15:40 | Carbon Human Emissions and related actions | Gianpaolo Balsamo, ECMWF |
|  | 15:40 – 16:00 | Atmospheric Composition monitoring | Sanna Sorvari Sundet, FMI |
|  | 16:00 – 16:15 | Climate Data Records (CDR) provided by CM SAF | Martin Werscheck, DWD |
|  | 16:15-16:30 | Q & A and General Conclusions |  |
|  | **16:30-17:30** | **COCKTAIL**  |  |

**REGISTRATION:** <https://link.webropolsurveys.com/S/85CEE07B5E6D65AA>