

The use of Satellite radiances at the Hungarian Meteorological Service (OMSZ)

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The poster can be divided into two parts:

- **Addition of more polar orbiting Satellites (Metop and NOAA-19)** into the operational assimilation system. This was done with revision of the active channels in the system
→ example on the testing the tropospheric sensitive channels (left lower panel)
- **Implementation of the IASI radiances** (right panel)
 - Our experience, so far, was with Norwegian domain mainly over **high latitude**, well **involving sea and land surfaces, model top above the RTTOV top**; and **older source codes**
 - The actual study is done over a domain **mainly over land** and at **mid-latitude** (different cloud effects), **model top below the RTTOV top**; and using **newer source codes** (with more predictors in variation bias correction)
 - Combination of all the above listed constraints creates questions, which I would like to share with you, but I am also interested in your experiences

Your are welcome to our poster # 4.4