



Actions from the 2nd European VOs-VAACs workshop

8-10 November 2021

On-line

Actions and Revised Roadmap

- The following slides outline ongoing and new actions the participants would like to see as a result of the 2nd workshop
- New items are based on the discussions during the workshop
- The proposed actions were presented on Day 3 of the workshop, but not all attendees were present
- There is a dedicated workshop google drive with relevant documents for meeting participants

In our google drive folder

Condivisi con me > 2nd European VOs-VAACs Workshop

Nome ↓

Reports from 1st Workshop

Presentations

VONA and ACC: usage and accessibility



Info to add from VOs

Proposed_VONA_Annex_3_changes.pdf



For VOs and VAACs to check (and comment)

IAVCEI survey about WOVO rejuvenation 30082021.docx



WOVO Survey

European_VolcanoObservatory_and_VAAC_ContactList_Oct2019.pdf



VOs and VAACs to check (and update)

Actions continuing from 1st workshop

Ex for Dutch volcanoes and Wash VAAC

Also Jan Mayen for VOLCEX?

VAACs

- Implement plans for exercises with all VOs in VAAC Toulouse region
 - Action: VAAC Toulouse to organize an exercise with Greece for 2022, with consideration of using a Greek eruption for the 2024 VOLCEX
- A debrief process between the VAAC and VO should be carried out after eruptive events to address any issues and enhance links. *These should involve duty and operational staff.*
 - Action: VAAC London and IMO to organize a debrief on the Krysuvik eruption
 - Action: VAAC Toulouse and INGV to organize a debrief on the eruptions at Stromboli and Etna
- Each VAAC should be in contact with each VO in its region at least once per year
 - Recommendation: with the new ease of video meetings, it is recommended that the VAACs timetable annual meetings. Meetings should involve duty volcanologists and operational staff. There may be benefits of multiple VAACs attending some of these.

Actions continuing from 1st workshop

Volcano Observatories

- Display VONA on VO websites
 - Action: All VOs to complete the spreadsheet on the Google Drive with latest status
 - Action: Attendees to advocate to EPOS that it should act as a hub for the VONA for all European VOs
- Send VONA to both VAACs
 - Action: All VOs to check and update procedures so that this occurs
- Include plume height in all VONA
 - Best practice from 1st workshop: An observed or best guess estimate of the plume height should always be provided in the VONA. If plume height observations are poor and/or with little confidence, information should be provided to highlight this
 - Action: VOs to check and update procedures and discuss with VAAC where needed, with a focus on timely updates about changes in plume height and uncertainty, and inclusion of units with a.s.l as standard

Actions continuing from 1st workshop

Items that weren't discussed during the 2nd workshop:

- Introduce reporting of timeframe for better plume height information
- Regular status reporting on volcanoes
- Action: It is recommended that everyone look at the Best Practices and Recommendations that were agreed in the 1st workshop and make these part of local documentation
 - These reinforce discussion items about:
 - Two-way communication between VAAC and VO during eruption
 - Provision of eruption height and uncertainty estimates

New actions identified this week #1

- New update of contact details spreadsheet
 - Action: all to check and Claire to update and circulate (see Google Drive)
- Volcano Observatories to work together to refine approaches to defining the Aviation Color Code
 - Action: Sara to lead a working group on this
- Volcano Observatories to respond to the WOVO questionnaire
 - Action: All VOs to complete by end of 2021 (copy on Google Drive)
- Volcano Observatories need to prepare for the new VONA
 - Action: Organisers to share ICAO slides and new VONA template with attendees (see Google Drive)
 - Action: All VOs to incorporate into plans and raise concerns via the VAACs
 - Action: Organisers to feed back to WOVO that sharing of a common software/ tool for producing the VONA could be a priority aim

New actions identified this week #2

- VAACs and VOs to focus on how short-lived transient eruptions will be represented under the future Quantitative Volcanic Ash requirements
 - Action: Toulouse VAAC to proactively lead engagement with the VOs as part of upcoming discussions about “significant volcanic ash” as required by ICAO
- Feedback to ICAO concerns about how VOs can report information about SO₂ and other phenomena in the new look VONA
 - Action: Sara/Claire to discuss with Jon Dutton and provide advice to VOs
- Raising awareness of our community and work through publications
 - Action: Lucia to further explore the suggestion of a special edition of the Bulletin of Volcanology
 - Action: Organisers to report on the workshop in the IAVCEI Newsletter and make the concluding document available

Additional Best Practices Identified

VAACs

- VAACs to run simulations with multiple plume heights when the eruption height is uncertain and report back to VO (*it was recognised that this is something that the VAACs already do*)

VOs

- VOs to report units of plume height in the VONA and all communications (i.e. m asl or m agl)
- VOs to report where the plume height estimate applies (i.e. directly above the vent, maximum observed, etc)