

From: Amelia Mullins amullins@ldeo.columbia.edu 
Subject: The VICTOR Project June Newsletter
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To: victorusers@ldeo.columbia.edu

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The latest with the VICTOR project!

Welcome Back to the VICTOR Community!

We're excited to share the second edition of our newsletter, featuring a spotlight on a recent collaboration, upcoming events, a summary of a recent course led by our team, and featured content to support your work.

As a reminder, you can unsubscribe at any time via your Google Group membership settings or by emailing victorusers+unsubscribe@ldeo.columbia.edu.

Featured Collaboration:



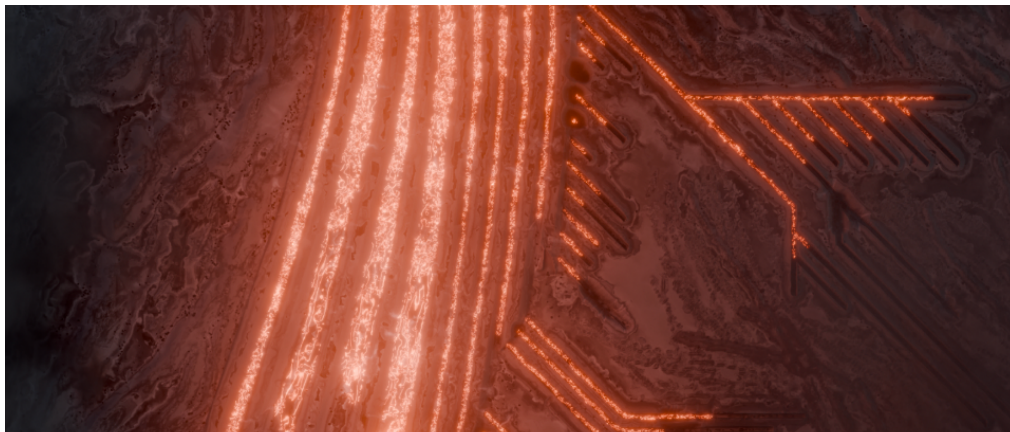
Lavaforming:

This month, the VICTOR team is spotlighting [Lavaforming](#), Iceland's contribution to the Venice Biennale of Architecture. Lavaforming offers a future-thinking perspective of how we build amid a climate crisis, and explores the potential of lava as a sustainable building material.

This design vision challenges energy-consuming traditional construction methods, such as concrete, by harnessing natural energy and the properties of molten lava flows, turning what were lava threats into opportunities to create resilience for nearby communities. The VICTOR team worked with the Lavaforming technologist to run lava flow simulations on VICTOR and build science-informed animations that are displayed in the exhibit. Through custom simulations, research on materials, and digital storytelling, Lavaforming shares a future vision of architecture informed by nature rather than industry.

Read more about the project on [State of the Planet: News from the Columbia Climate School](#)

Follow the project on their [\[Instagram account\]](#)





A scene from a *Lavaforming* animation featuring lava flowing into trenches to form building materials. The animation was based on numerical simulations run on VICTOR.

Upcoming Events:



VICTOR Webinars for Educators

June 2nd 2025 or July 8th 2025

The VICTOR team will be hosting two webinar events for our educator audience. Both webinars will include a hands-on introduction to the VICTOR Platform and demonstrations of existing education materials. You will also have the opportunity to share your ideas for what you need most in the classroom.

[\[Register Here\]](#)



Reminder: VICTOR Workshop at IAVECI25, July 2nd 2025

Heading to IAVECI 2025 in Geneva? Don't forget to register and join us for the VICTOR workshop on Wednesday, July 2, during the morning session. The workshop will introduce participants to VICTOR's cloud-based cyberinfrastructure through engaging presentations, hands-on demonstrations, and collaboration.

Participants will learn how to:

- Use existing modeling codes and workflows
- Integrate new codes into the platform
- Connect tools for data inversion, model comparison, and hazard forecasting
- Apply VICTOR's tools to lava flow, tephra fallout, and pyroclastic density current (PDC) modeling.

Note: The workshop does not conflict with the afternoon trip to CERN.

[\[Workshop Information\]](#) • [\[IAVEI25 Registration\]](#)

Featured Education Content:



Spring 2025 VICTOR Computational Volcanology Course Wrap-Up

Since its first iteration as a six-week short course, the VICTOR Computational Volcanology Course has expanded in both content and participation, evolving into a 12-week semester-long program. This extended format allows for deeper discussion of volcanic processes and advanced modeling techniques using the VICTOR platform.

Led by the VICTOR team as well as guest speakers, this year's spring course brought together both students and professionals for weekly virtual class sessions, focusing on VICTOR. Sessions included interactive lessons with hands-on activities, take-home assignments that

applied modeling concepts to real-world scenarios, and guest researchers who shared their expert perspectives on their products and techniques.

The VICTOR Computational Volcanology Course uniquely connects participants from diverse backgrounds with volcanic modeling tools, enhancing both learning and collaboration within the community.

If you could not participate in the course this year, you can review the [class recordings on VICTOR's Education Page](#) for deep dives into various topics on VICTOR.



Stay Connected

Follow VICTOR for the latest updates, events, and resources

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Bluesky: [@victorproject.bsky.social](#)

LinkedIn: [VICTOR Project](#)

Website: [victorproject.com](#)

Connect with the team and other users by signing up for the VICTOR forum:

VICTOR Forum: [Sign up here](#)

Have a tool to suggest? Fill out the [Tool Suggestion Form](#).

Stay Connected!

For questions or to share feedback, reply to this email. We look forward to growing the VICTOR community together!

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