

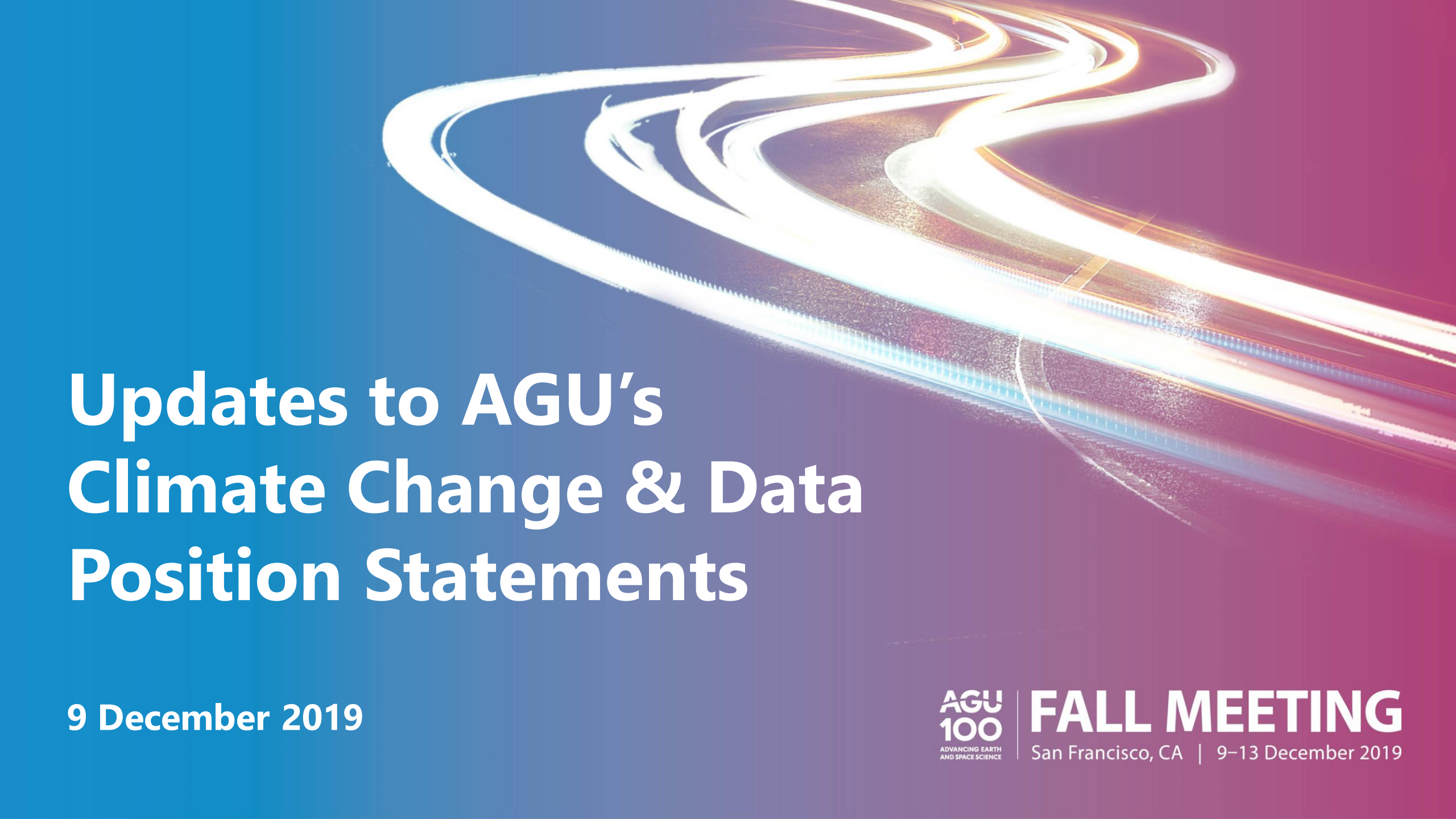


**AGU
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ADVANCING EARTH
AND SPACE SCIENCE

FALL MEETING

San Francisco, CA | 9–13 December 2019

**CELEBRATE ^{THE} PAST
INSPIRE ^{THE} FUTURE**



Updates to AGU's Climate Change & Data Position Statements

9 December 2019

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CHRIS MCENTEE

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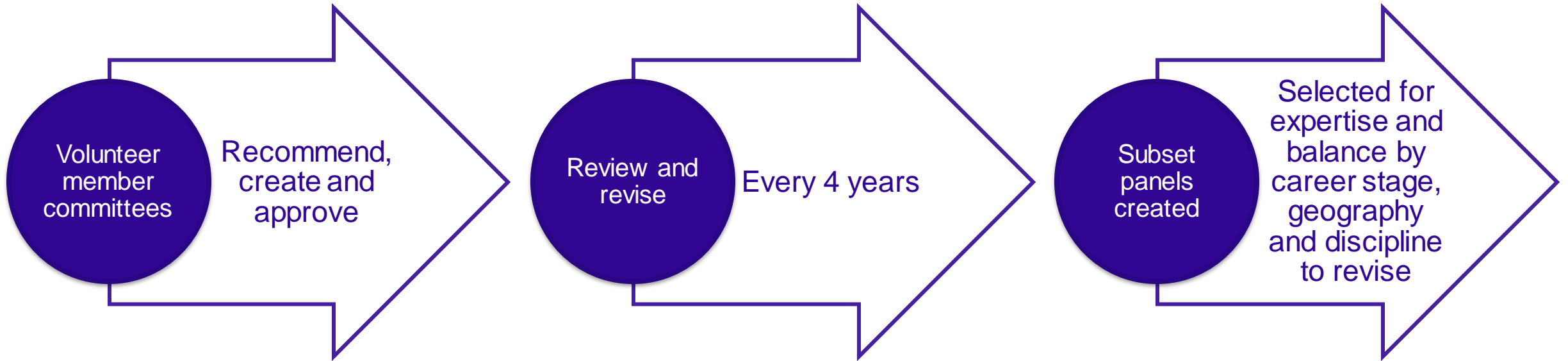


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AGU POSITION STATEMENT PROCESS



AGU POSITION STATEMENT USES

Serve as formal
**organization
view**

Provide
**framework for
other policies**

**Guidance for
key audiences**

AGU DATA POSITION STATEMENT

Champion Open & Transparent Data

- Share, curate, and attribute data to be equitable, accessible and ethical to ensure scientific research is transparent, trusted, and valued.

Enable Robust Science Ecosystem

- Requires evidence behind an assertion is accessible for evaluation. Data must be collected, developed and shared ethically as open and transparent as possible.

Create Effective Culture Change

- Community-driven recognition and reward is required to create genuine culture change.

AGU CLIMATE POSITION STATEMENT

Framework was Paris Agreement temperature targets of well below 2°C

- "Crisis" was deliberate
- Humans are causing increasingly disruptive and causing changes
 - Exacerbating existing challenges
 - Threatening human and ecological health, economic well-being, and global security

Humans have a choice NOW

- Get to net zero carbon dioxide emissions
 - Use energy more efficiently
 - Transition to non-greenhouse gas energy sources
- Prepare to cope with adverse impacts of climate change

World must work together

- Scientists must engage with policymakers, businesses, community and general public
- Scientific institutions must prioritize research, application, dissemination to address climate crisis

The background of the slide features a series of glowing, curved light trails in shades of blue and purple, creating a sense of motion and depth. The trails are most prominent in the upper right quadrant and curve towards the center.

Thank you!

Position Statements:

<https://www.agu.org/Share-and-Advocate/Share>

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