

# Key Elements of NCA Development

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*NASEM Committee to Advise USGCRP*



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# NCA Roles

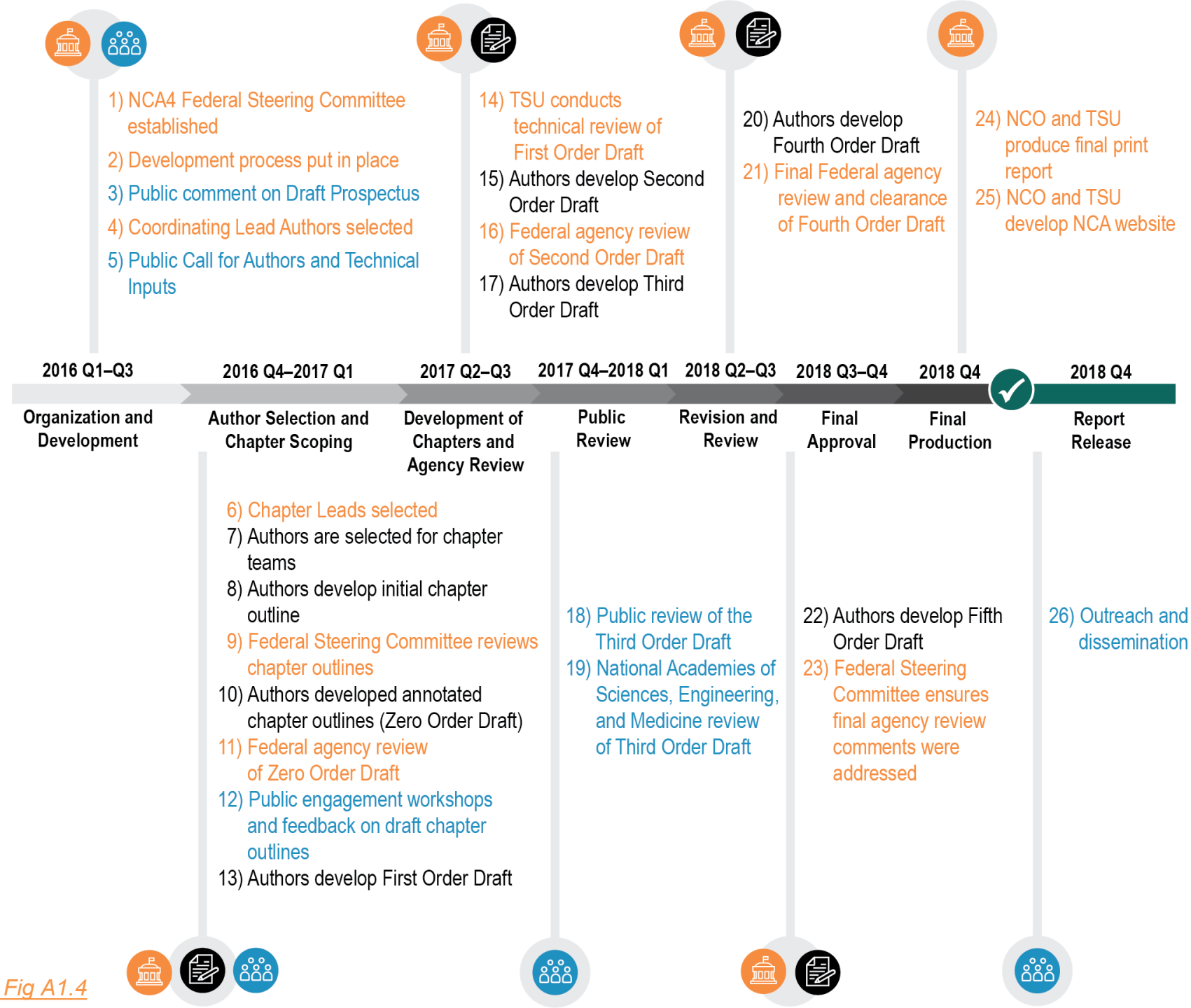
Key contributors to the development of an NCA... and, therefore, those who have the most opportunities to consider the use of AI

Role	Description
Federal Steering Committee (FSC)	The FSC consisted of one representative from each USGCRP member agency. In consultation with the SGCR, the FSC was responsible for selecting CLAs, CLs, and REs; determining scope and content; and overseeing development and production of NCA5, including ensuring that the process adhered to principles of engagement and transparency.
Federal Coordinating Lead Author (CLA) and Agency Chapter Lead (ACL)	CLAs served as the federal coordinating lead for each chapter. ACLs provided additional agency input to chapter teams. Both CLAs and ACLs were responsible for coordination across chapters to ensure consistency and accuracy throughout the report and to ensure that chapters adhered to author guidance. CLAs were responsible for recommending CLs to the FSC. The FSC was responsible for reviewing and approving CLs.
Chapter Lead Author (CL)	CLs were responsible for the ultimate delivery of their chapter for approval and publication. These responsibilities included selecting a diverse and qualified author team and overseeing all aspects of development, assessment, writing, and editing of their chapter.
Chapter Author (CA)	CAs contributed writing, developed figures, responded to comments, and revised chapter drafts under the direction of the CLs. Each chapter's Key Messages represent the consensus of the CAs and CL.
Technical Contributor (TC)	TCs provided discrete, specific technical contributions on an as-needed basis, as identified by the CL. TCs did not participate in the consensus process of developing Key Messages.
Review Editor (RE)	REs, selected by the FSC from a public call for nominees, were responsible for ensuring that all substantive public and peer-review comments were appropriately addressed and documented by author teams.
Staff Point of Contact (POC)	USGCRP National Coordination Office staff filled the roles of POCs, providing administrative support, chapter coordination, and guidance throughout report development.
Technical Support Unit (TSU)	The NOAA TSU supported climate science data analysis; editing; figure development; data management and documentation; web design and development; and graphic design, layout, and other production activities.

# NCA Development Process

Who “holds the pen” evolves over 3+ years:

- USGCRP NCO
- Federal Agencies
- Federal CLAs + Chapter Leads
- Chapter Authors
- Technical Support Unit (TSU)



## Report Content

- Overview
- Chapters
  - Introduction  
(Narrative, Tables, & Figures)
  - Key Messages
    - Supporting Narrative, Tables, Figures, & Case Studies
  - Traceable Accounts
  - References
- Appendices



## Associated Products

- **PDF** (multiple languages?)
- Website (w/ metadata)
- Chapter Hand-outs (2-pagers)
- Chapter .pptxs for download
- Interactive Atlas
- Art x Climate Gallery
- Podcast(s)
- ...?



# Potential Opportunities for AI in NCAs

As an initial question:  
*What steps or processes are tedious / cumbersome / inefficient?*

