

IFLA PRESENTS

# Professional Unit Virtual Events



IFLA Section  
Preservation and  
Conservation



IFLA Section  
Information Technology

IFLA PRESENTS

# Don't wait until it's too late

Can preservation influence the design of complex digital publications?

Catherine Nicole Coleman and Jasmine Mulliken

Stanford University Press and Stanford Libraries

18/11/2020



# privacy

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# speaker(s)



## Catherine Nicole Coleman

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Stanford Libraries  
Digital Research Architect



# speaker(s)



## Jasmine Mulliken

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Stanford University Press  
Digital Production Associate



“Digital memory is ubiquitous yet unimaginably fragile,  
Limitless in scope yet inherently unstable.”

Abbey Smith Rumsey, *When We Are No More* (2016)

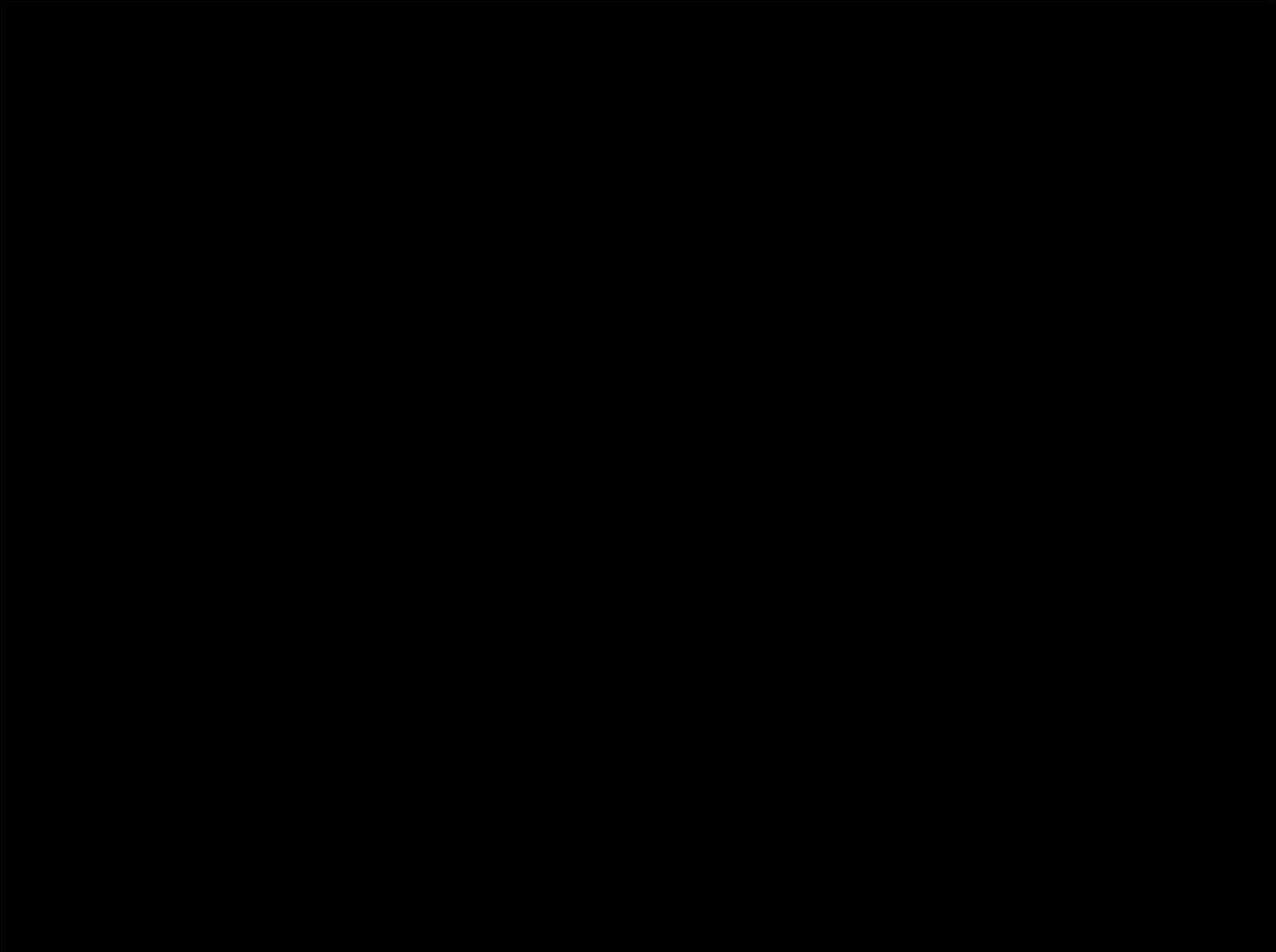


ISW = Interactive Scholarly Works  
or  
ISW = Impossible to Store and Work with



Why are digital projects important to 21st century scholarship?





# Constructing the Sacred

Elaine A. Sullivan  
2019

- Scalar CMS
- Repository-hosted media
- ArcGIS-hosted 3d viewer
- Model and geographic data provided as download for re-use/re-composition





ACCELERATION



Anthropocene Detonator Landscape

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ISBN 9781503615045 | DOI 10.21627/2020fa | OCLC 1199012220

Published by STANFORD UNIVERSITY PRESS

## Feral Atlas

Anna L. Tsing, et al.  
2020

- HTML/CSS/JS frontend
- Self contained media assets
- Dynamic scripts
- Converted to static JSON from Contentful CMS authoring platform

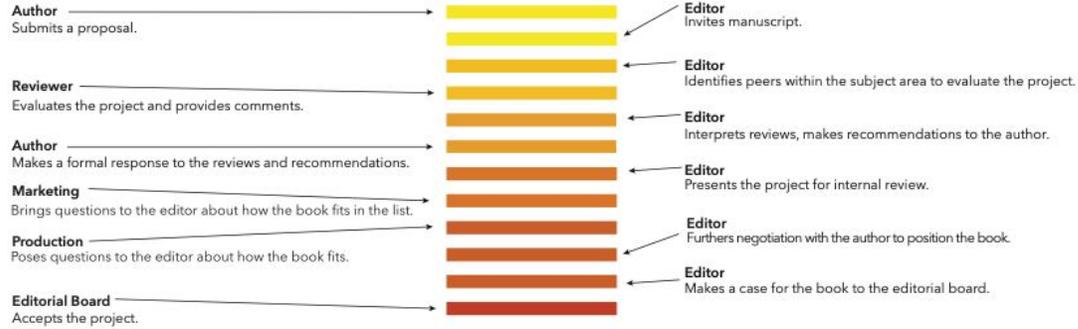


# The Production Process

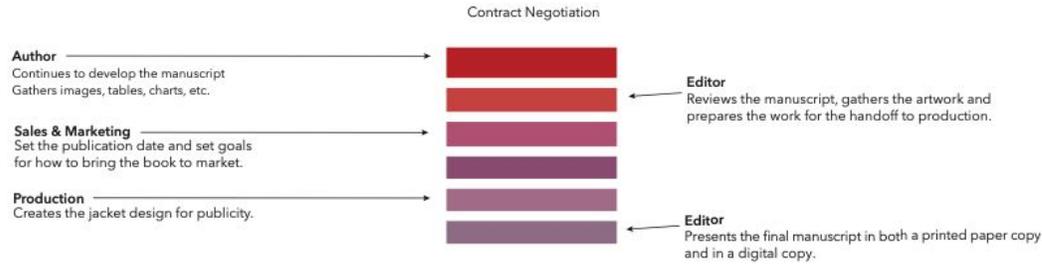


# PRINT BOOK

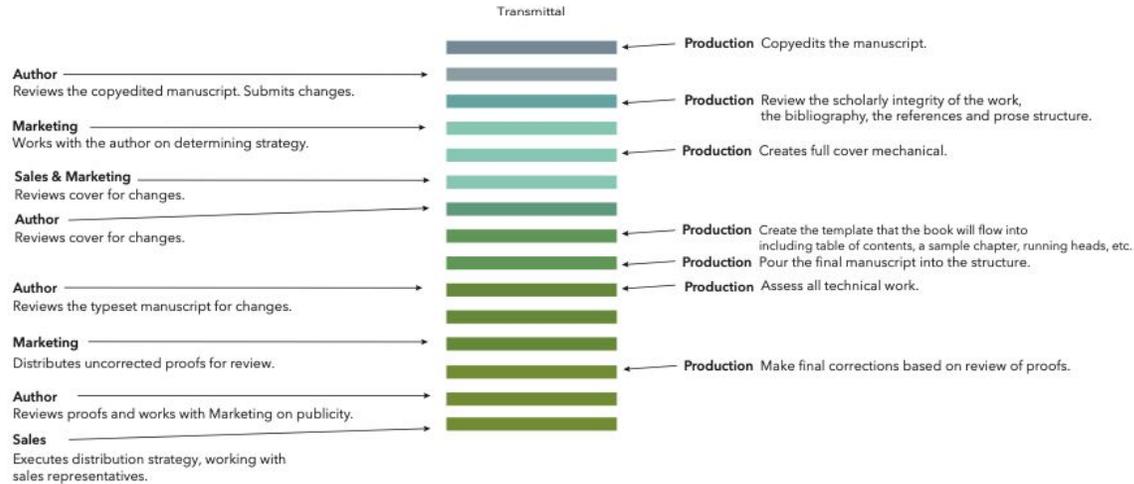
## Acquisition



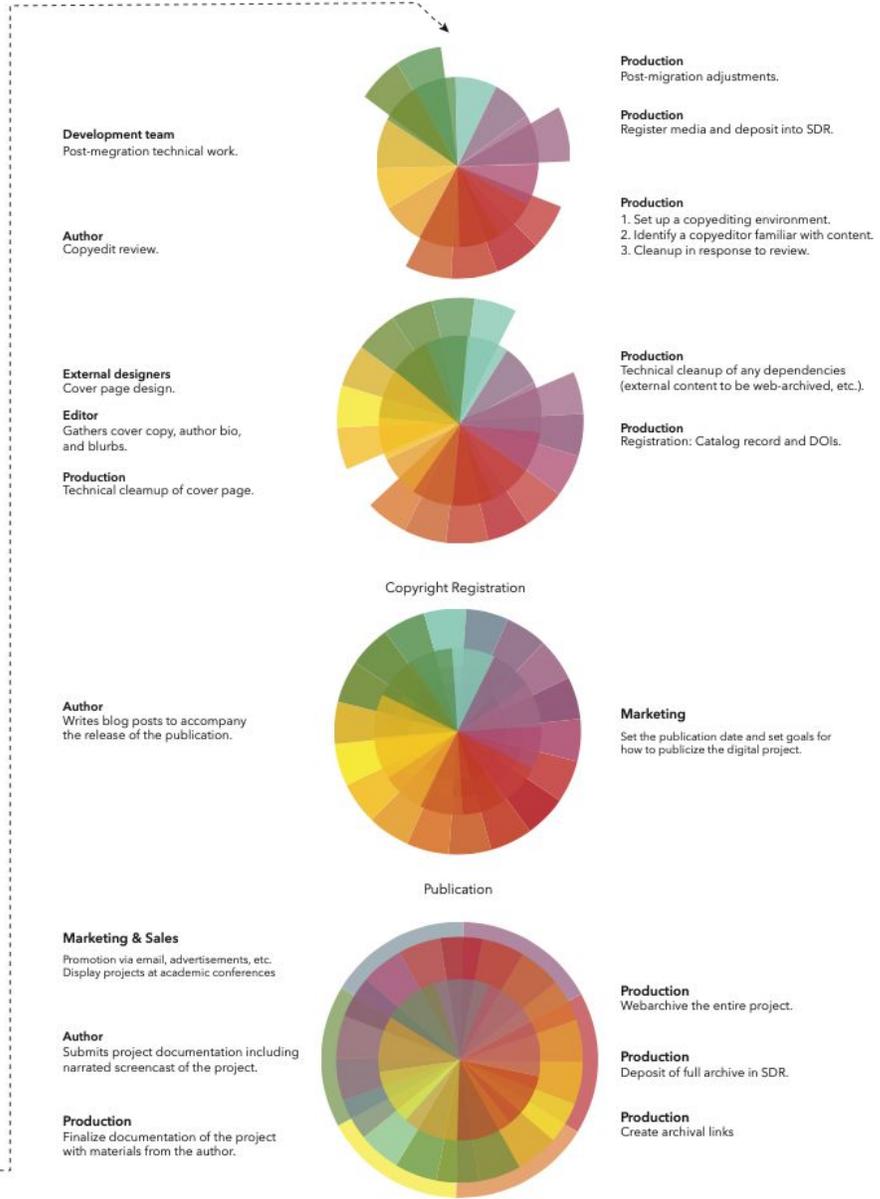
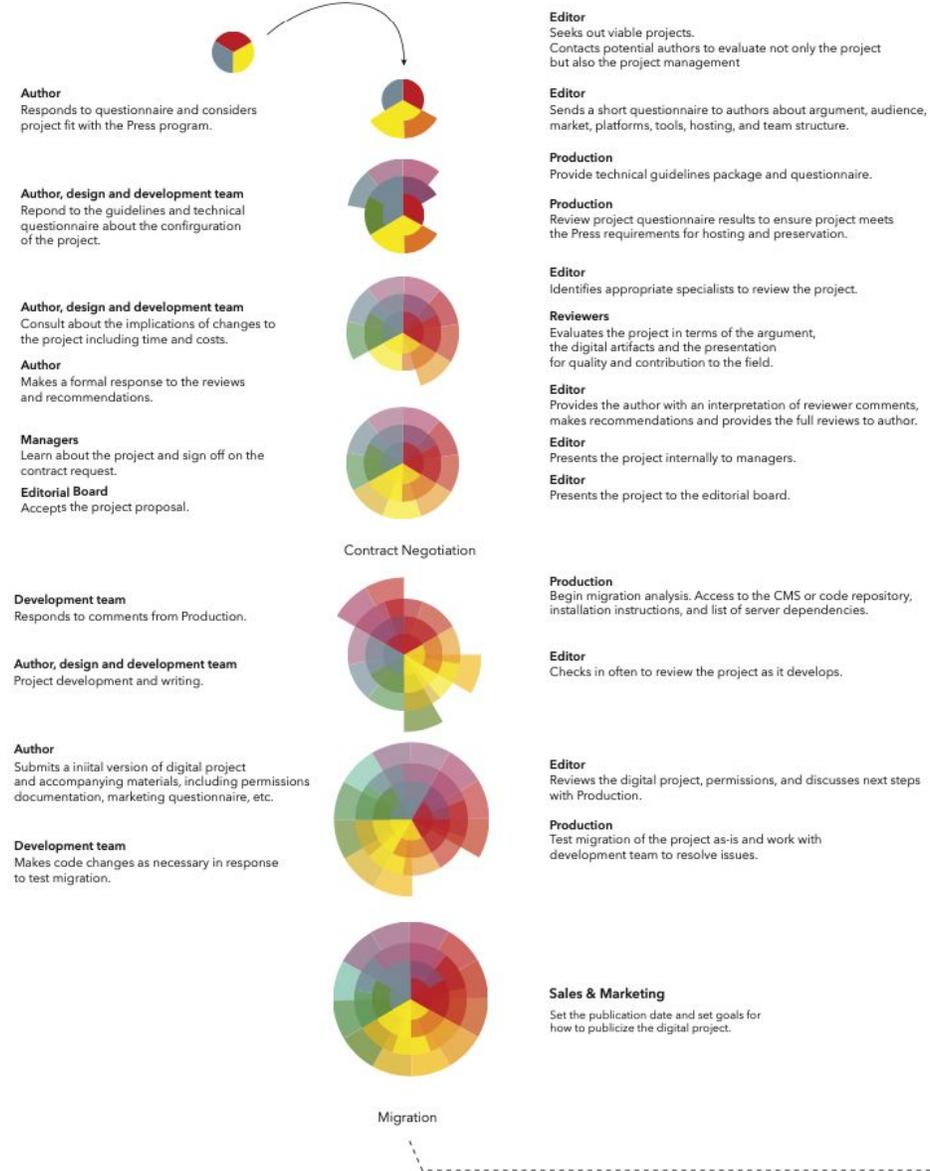
## Development



## Production



# DIGITAL PROJECT



*“The design of digital tools for scholarship is an intellectual responsibility, not a technical task.”*

Johanna Drucker (2009)



## DIGITAL PROJECT

**Author**  
Responds to questionnaire and considers project fit with the Press program.

**Author, design and development team**  
Respond to the guidelines and technical questionnaire about the configuration of the project.

**Author, design and development team**  
Consult about the implications of changes to the project including time and costs.

**Author**  
Respond to the reviews and recommendations.

**Managers**  
Learn about the project and sign off on the contract request.

**Editorial Board**  
Accepts the project proposal.

**Development team**  
Responds to comments from Production.

**Author, design and development team**  
Project development and writing.

**Author**  
Submits a initial version of digital project and accompanying materials, including permissions documentation, marketing questionnaire, etc.

**Development team**  
Makes code changes as necessary in response to test migration.

**Editor**  
Seeks out viable projects.  
Contacts potential authors to evaluate not only the project but also the project management

**Editor**  
Sends a short questionnaire to authors about argument, audience, market, platforms, tools, hosting, and team structure.

**Production**  
Provide technical guidelines package and questionnaire.

**Production**  
Review project questionnaire results to ensure project meets the Press requirements for hosting and preservation.

**Editor**  
Identifies appropriate specialists to review the project.

**Reviewers**  
Evaluates the project in terms of the argument, the digital artifacts and the presentation for quality and contribution to the field.

**Editor**  
Provides the author with an interpretation of reviewer comments, makes recommendations and provides the full reviews to author.

**Editor**  
Presents the project internally to managers.

**Development team**  
Post-migration technical work.

**Author**  
Copyedit review.

**External designers**  
Cover page design.

**Editor**  
Gathers cover copy, author bio, and blurbs.

**Production**  
Post-migration adjustments.

**Production**  
Register media and deposit into SDR.

**Production**  
1. Set up a copyediting environment.  
2. Identify a copyeditor familiar with content.  
3. Cleanup in response to review.

**Production**  
Technical cleanup of any dependencies (external content to be web-archived, etc.).

**Production**  
Registration, creating record and DOIs.

## Production

Provide technical guidelines package and questionnaire.

Publication

## Marketing & Sales

Promotion via email, advertisements, etc.  
Display projects at academic conferences

**Author**  
Submits project documentation including narrated screencast of the project.

**Production**  
Finalize documentation of the project with materials from the author.

**Production**  
Webarchive the entire project.

**Production**  
Deposit of full archive in SDR.

**Production**  
Create archival links

Migration

with Production.

**Production**  
Test migration of the project as-is and work with development team to resolve issues.

**Sales & Marketing**  
Set the publication date and set goals for how to publicize the digital project.

## Technical Guidelines

- Tools
- Technologies
- Formats
- Practices



# Technical Assessment

- Questionnaire
- Internal code review
- Migration planning
- Cleanup planning

## DIGITAL PROJECT

**Author**  
Responds to questionnaire and considers project fit with the Press program.

**Author, design and development team**  
Respond to the guidelines and technical questionnaire about the configuration of the project.

**Author, design and development team**  
Consult about the implications of changes to the project including time and costs.

**Author**  
Makes a formal response to the reviews and recommendations.

**Managers**  
Learn about the project and sign off on the contract request.

**Editorial Board**  
Accepts the project proposal.

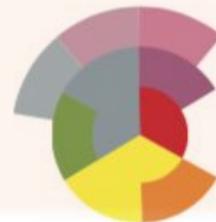
**Development team**  
Responds to comments from Production.

**Author, design and development team**  
Project development and writing.

**Author**  
Submits a initial version of digital project and accompanying materials, including permissions documentation, marketing questionnaire, etc.

**Development team**  
Makes code changes as necessary in response to test migration.

**Editor**  
Seeks out viable projects.  
Contacts potential authors to evaluate not only the project



**Editor**  
Provides the author with an interpretation of reviewer comments, makes recommendations and provides the full reviews to author.

**Editor**  
Provides the author with an interpretation of reviewer comments, makes recommendations and provides the full reviews to author.

**Editor**  
Presents the project internally to managers.

**Editor**  
Presents the project to the editorial board.

Contract Negotiation



**Sales & Marketing**  
Set the publication date and set goals for how to publicize the digital project.

Migration

### Production

Review project questionnaire results to ensure project meets the Press requirements for hosting and preservation.

**External designers**  
Cover page design.

**Editor**  
Gathers cover copy, author bio, and blurbs.

**Production**  
Technical cleanup of cover page.



**Production**  
Technical cleanup of any dependencies (external content to be web-archived, etc.).

**Production**  
Registration: Catalog record and DOIs.

### Production

Begin migration analysis. Access to the CMS or code repository, installation instructions, and list of server dependencies.

**Production**  
Deploy project at academic conference.

**Author**  
Submits project documentation including narrated screencast of the project.

**Production**  
Finalize documentation of the project with materials from the author.



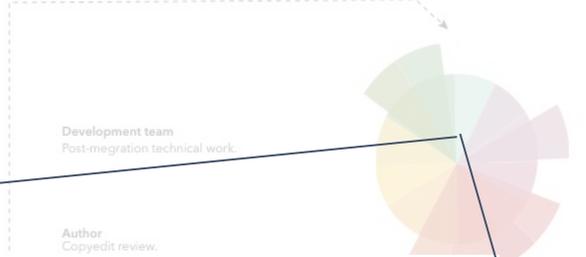
**Production**  
Webarchive to

**Production**  
Deposit of full

**Production**  
Create archiv

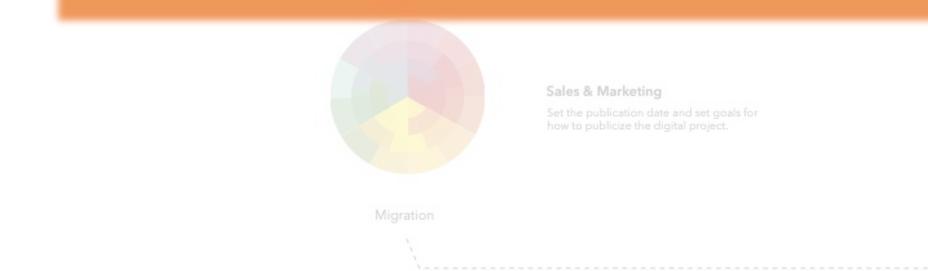


# DIGITAL PROJECT



## Pre-archiving

- Sourcing through SDR
  - Media
  - Data downloads
- Solicit documentation
  - Narrative
  - Tech specs & requirements
  - Screencast



## Getting Out in Front of a New Form



This page appears explaining why a Vectors project is no longer available at this URL:  
[http://vectors.usc.edu/issues/1/virtualvaudeville/msg\\_vaudeville.html](http://vectors.usc.edu/issues/1/virtualvaudeville/msg_vaudeville.html)

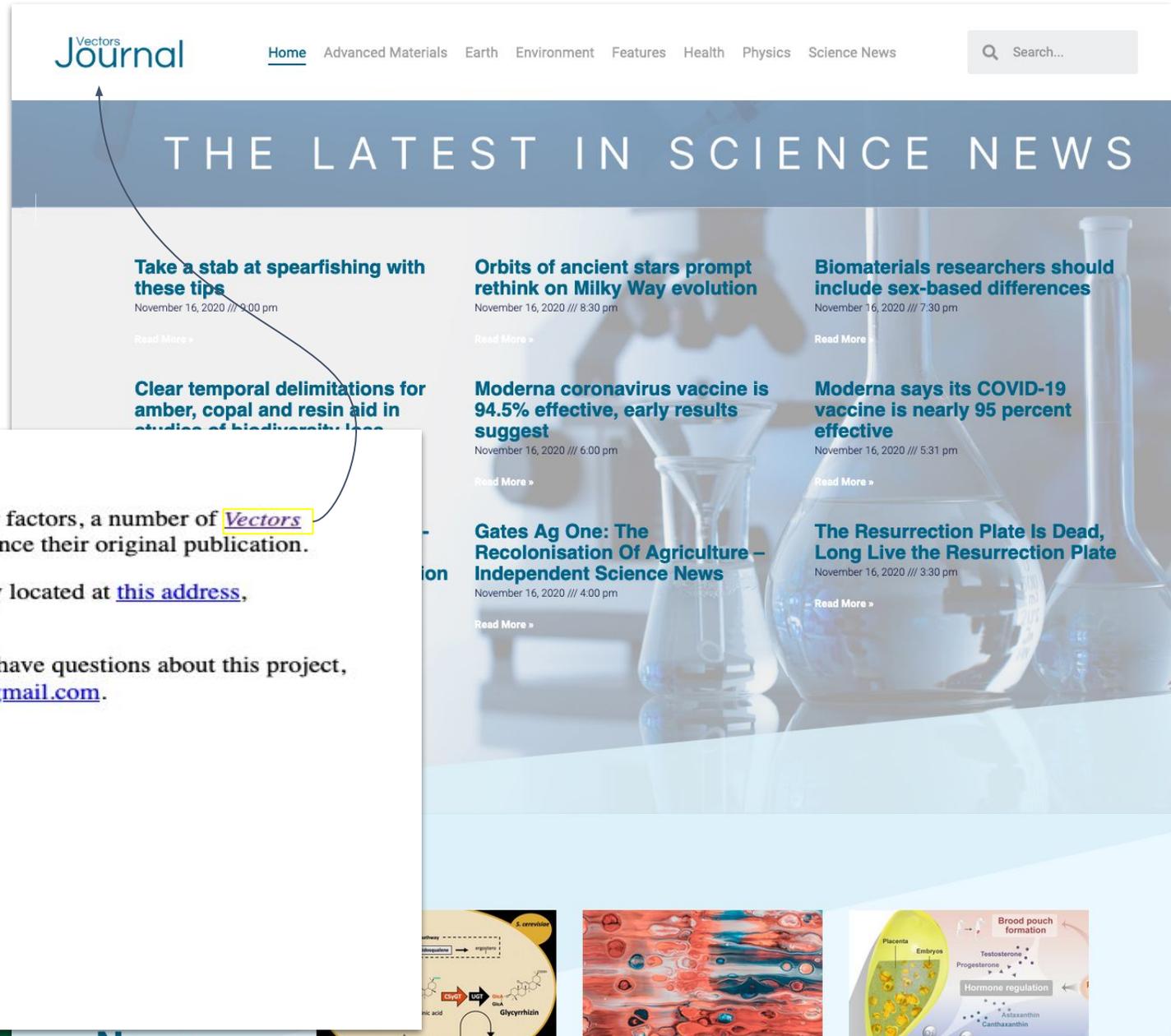
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# thank you

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