## Now you can share and run your code published in IEEE Xplore.

IEEE publishes a large volume of articles that reference code and data. In the past, readers were only able to access the code or download static supplemental files—there was no option for readers to interact with the code and simulations. But now, through the new partnership between IEEE and Code Ocean, code in IEEE articles can be discovered, viewed, and executed in real time.

Code Ocean is a research platform in which users can share and run code in the cloud. With this new feature, authors are able to easily upload code referenced in their articles to Code Ocean for free, where IEEE *Xplore* users can run and/or modify them. Allowing users a more robust and efficient way to play with the code and reproduce the research adds a new dimension of interactivity that increases value, credibility, and impact to IEEE articles.

Upload your code today at codeocean.com/ieee/signup











## Upload code referenced in your IEEE *Xplore*® articles to Code Ocean where readers can view, run, and modify them.

Code Ocean is a cloud-based executable research platform that enables IEEE authors to upload and share their code with IEEE *Xplore* users.

Sharing code via Code Ocean benefits both IEEE authors and the work of researchers around the world:

- Authors can publish unlimited code to Code Ocean for free and will receive a six-month upgrade to the Code Ocean PRO plan for every code repository published in a journal or conference
- Code Ocean reduces the "customer support" burden on the author—
  uploading the material to one easily accessible platform saves the author
  time and lessens the need for him or her to provide the individual
  support required for the code to run on various platforms
- Sharing data makes research more transparent (funders, institutions, and governments around the world are increasingly supportive of open data)
- The sharing of code also supports reproducible research, a key
  determinant of reliable computations—"A minimal standard for data
  analysis and other scientific computations is that they be reproducible:
  that the code and data are assembled in a way so that another group can
  recreate all of the results."1
- The published code that an author posts will remain unchanged even after it's been modified by a reader and the modifications tested
- Author retains ownership and copyright—creating opportunities for licensing
- Enhances author visibility—authors can be cited and referenced for their work (just like papers) as Code Ocean codes have DOIs
- Users can discover and run code in real time on Code Ocean by choosing one of its tiered, fee-based access plans (including a free \$0/month option)

Any author who has had an IEEE journal article published on IEEE *Xplore* in the last five years can easily upload associated code and data. Additionally, IEEE authors publishing new articles in any of the 16 eligible IEEE journals are eligible to submit their related material. For the list of journals, as well as specific uploading directions, please visit ieeexplore.ieee.org/code-ocean

Authors with general questions about the IEEE/Code Ocean partnership should contact onlinesupport@ieee.org

Authors and code users can visit ieeexplore.ieee.org/code-ocean for information on how to upload and run code.





