



Journal of The Electrochemical Society **Technical Editor in Electrochemical/Electroless Deposition**

About ECS Journals & Research Areas

ECS has been long-heralded as the nonprofit home of the [Journal of The Electrochemical Society](#) (JES), its flagship journal. Published continuously from 1902 to the present, JES, the oldest peer-reviewed journal in its field, remains one of the most-highly cited journals in electrochemistry with a cited half-life of greater than 10 years. JES and the [ECS Journal of Solid State Science and Technology](#) (JSS) provide unparalleled opportunities to disseminate basic research and technology results in electrochemical and solid state science and technology. JES publishes a minimum of 10 regular and up to six focus issues each year and offers [author choice open access](#).

ECS maintains [13 topical interest areas \(TIA\)](#) with one technical editor for each TIA, supported by associate editors and an editorial advisory committee. Technical editors for ECS journals ensure the publication of original, significant, well-documented, rigorously peer-reviewed articles that meet the objectives of the relevant journal, and are within the scope of ECS's TIAs.

Research areas for the electrochemical/electroless deposition TIA include deposition of metals, oxides, semiconductors, nanostructures, and composite materials; nanofabrication; fundamental aspects of nucleation and growth; physical and mechanical aspects of deposits, including structure and internal stress; modeling; industrial plating and plating baths; leveling, accelerating, and suppressing agents.

Role & Responsibilities of the Technical Editor

Technical editors actively solicit manuscripts for their TIAs through involvement in their technical community, engagement in ECS divisions, and through work with ECS staff to effectively communicate to their research community and stakeholders. Technical editors ensure an efficient and fair peer review process and minimize lag time of manuscript submissions. They work to recruit and select editorial reviewers, and are required to adhere to policies and procedures for:

- a) manuscript submission and authorship criteria;
- b) peer review, evaluation of decisions regarding publication, and methods for reconsideration of rejected manuscripts;
- c) maintaining the scientific integrity and confidentiality of the peer review process;
- d) the identification and recommendation of theme/focus issues and supplements;
- e) handling conflict of interest and disclosure issues; and
- f) handling allegations and findings of scientific misbehavior and misconduct.

Technical editors must clearly communicate publication guidelines and policies, and oversee compliance. In addition, technical editors serve on the governing bodies of ECS's divisions to ensure synergy between content in the ECS meetings and publications programs.

Technical editors serve as members of their respective editorial board and attend the ECS biannual meetings regularly. They work collaboratively with the editors, associate editors, and ECS publications staff to accomplish the objectives set forth by the Publications Subcommittee, the Technical Affairs Committee, and the ECS Board of Directors.

Nominees for this position must possess and maintain scientific knowledge of the scope of the [electrochemical/electroless deposition topical interest area](#). Nominees must have qualities of leadership, integrity, technical breadth, creativity, motivation, and international reputation, and should be able to commit the necessary time to ensure efficient and effective performance of their duties. The technical editor oversees the review and disposition of manuscripts within their TIA, and works to develop content for regular and focus issues. A yearly honorarium is offered by ECS. Nominees must have published previously in an ECS publication. They must be skilled in the arts of writing, editing, critical assessment, negotiation, and diplomacy. Technical editors may not serve on an editorial board of any non-ECS peer-reviewed technical journal and must adhere to ECS's code of ethics policies. Preference will be given to candidates who are ECS members.

A technical editor is appointed for a minimum initial two-year term, renewable for additional terms, up to a maximum of twelve years total service in this role.

Full applications are due no later than April 19, 2019. Those interested should send a cover letter, CV, and responses to the candidate questions listed below. All materials must be submitted to the director of publications, Beth Craanen, by emailing beth.craanen@electrochem.org.

Candidate Questions

1. What is your understanding of the current purpose and mission of the ECS journals?
2. What upcoming areas of this TIA may need special attention, or are there overlaps with other TIAs, and if so, how should the papers be directed at the most appropriate TIA?
3. Attracting the right authors and achieving the widest possible dissemination are major challenges for the ECS journals. What are some of your ideas for obtaining high-impact papers? And, how will you solicit high impact perspective articles, and critical review articles?
4. How would you go about working with divisions to encourage them to develop ideas for collecting meeting content and publishing it in the journals, either as individual articles or as a collection (focus issue)?
5. Obtaining quality reviewers for manuscripts is increasingly difficult. How would you obtain new reviewers? Specifically, how do you recruit reviewers or editorial advisory board members to help with new and upcoming areas of this TIA, or in areas of the TIA that are not in your field of expertise?

6. The use of the journal impact factor (JIF) is often used as a quality metric by potential authors, tenure review committees, and funding sources—what might be done to increase the JIFs of the electrochemical/electroless deposition JIF by either increasing more citations or becoming more selective on acceptances?
7. The impact factor is only one of many metrics being used to gauge article impact. What other metrics might be used and what might be done to educate authors about them?
8. What are your current commitments, including those that might be (or might be perceived to be) conflicts with ECS publications?