

Growth Through Engagement and Teamwork

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VP - Publications

January 17&18, 2020

Courtyard San Antonio Riverwalk

PRAC

- Planned for February 13th, TAB meeting, Orlando
- Report submitted on January 11th
- Teamwork: thanks to Judy Scharmann, Peter Willett and Michael Rice!

PRAC T-AES

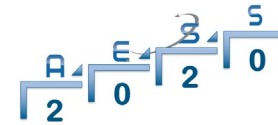
Efforts should be made to increase the number of female AEs and the number of AEs from industry.

We have slightly increased the percentage of female and industry AEs compared to last PRAC. See the table below:

We do not consider this result satisfactory yet, particularly for the female AEs and we will continue along this line in the next years. Our goal is to reach at least 10% female AEs and 15 % AEs from industry over the next 3 years.

	Jan. 2015	Jan. 2020
Female AEs	5.88 %	6.82 %
Industry AEs	8.96 %	11.36 %

PRAC T-AES



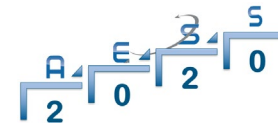
Consideration should be given to adding administrative help to support the AEs in flagging slow papers, as a way of helping to reduce the submission to e-publication times. Efforts should also be made to reduce the submission to first review times to the IEEE goal of an average of 90 days.

Reducing the submission to first decision times has been *the* focus since 2018. The following efforts have been completed:

- Multiple one-hour training sessions were conducted by the EiC in July 2019 all associate editors.
- Shortened timelines were introduced
 - 2 weeks for AEs to assign reviewers. [Previous deadline = none.]
 - 42 days (6 weeks) from AE assignment to first decision. [Previous deadline = 60 days (9 weeks)].
 - 42 days (6 weeks) for revision. [Previous deadline = 90 days (13 weeks)]
 - 42 days for all subsequent reviews and decisions. [We were thinking shorter here, but taes.msubmit.net only has one variable for these things.]
- An automatic reminder feature has been implemented in the manuscript management software (msubmit by eJournal Press). The automatic reminder sends html-formatted emails to all AEs with color-coded bars indicating the current editorial stage relative to the timelines outlined in item (2). This feature was explicitly requested by some of TAES AEs. Of course, this does not prevent the EiC to contact personally the delinquent AEs and TEs and doesn't solve completely the problem.

Overall, it is still too early to fully evaluate the impact of the changes since they have been completed around July 2019.

PRAC T-AES

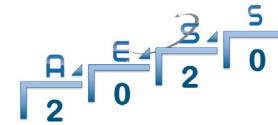


Year	Impact Factor (regular, with self-citations)	Impact Factor (w/o self-citations)	Citation Half Life	Immediacy Index	Eigenfactor	Article Influence Score	Articles Published
2018	2.797	2.544	11.2	0.845	0.01303	0.839	233
2017	2.063	1.811	11.6	0.425	0.01139	0.694	240
2016	1.975	1.802	>10	0.259	0.01271	0.747	193
2015	1.672	1.366	>10	0.105	0.01086	0.682	266
2014	1.757	1.523	>10	0.098	0.01025	0.692	246

We see a steady rise in our impact factor and other bibliometrics from 2015 through 2018. Over the past 10 years, T-AES has been enjoying a nearly monotonic trend of improvement for all its bibliometrics (impact factor, eigenfactor, immediacy, influence).

We are also proud that our papers remain of interest over the years, as evidenced by our long citation half-life (greater than 10 years). Overall, we are holding steady in our rank compared to other IEEE journals despite the growth in the number of journals.

PRAC Magazine



PRAC Comment 1: There are no AEs from Regions 7, 9, and 10. If the Society has substantial membership in these Regions, it is recommended that efforts be made to find AEs from these Regions. It is known that the Society has a substantial industrial membership, but the industrial representation among AEs is quite small. It is recommended that efforts be made to increase the industrial representation among AEs.

Of our 16 AEs, one is from Region 10. Based on demographics, we agree that there ought to be more. Presently the engaged portion of the AESS membership is largely from Regions 1-6 and 8, but this is changing with DLs, BoG membership and conference, so we hope to make remedy in the near future. Already, an SI (AI for Aerospace) has GEs from Region 10; and the key GE for the Quantum Radar SI (Balaji) is from Region 7. The criticism about Region 9 has not been addressed – and should be, since Region 9 is home to considerable AESS activity. There are 2 Industry and 2 Government AEs, so this seems reasonable. There is one female member of the AE team, and we will strive for more.

List of Goals

Publications Committee

- Reduce the average submission-to-publication delay for the AES Transactions to nine months
- Achieve an average submission rate of twelve articles per month for the AES Systems magazine
- Reduce the cost of the AES Systems Magazine (done!)
- Increase the contributions to AES publications from industry by two articles per month
- Increase Impact Factor of Transactions to 2.0 (done!)
- Increase Impact Factor of Systems magazine to 1.0 (done!)
- Increase readership (opens) of QEB with improved contents (done!)
- Increase visits to IEEE AESS website by 25%
- Establish and launch a new Transactions on Radar Systems

Performance improvement

- Check the impact on the performance of TEs and AEs of training sessions, new timeline and new features implemented in EJPress. If necessary, organize periodic virtual meetings with AEs and TEs to share good practices.
- Assigned to: Michael Rice & myself
- Reduce the average submission-to-publication delay for the AES Transactions to nine months
- Time period for performance: 2020

Recognition of reviewers' work

- Establish a “best reviewers of the year certificate” for T-AES
- Work with the awards committee to set the rules for the award
- Assigned to: Michael Rice & myself
- Reduce the average submission-to-publication delay for the AES Transactions to nine months
- Time period for performance: 2020

Feasibility study

- Study the feasibility of a new Transactions on Radar Systems. **This new journal is strongly supported and encouraged by the Radar Systems Panel. A report has been already produced.**
- Assigned to: Publications committee, Walt Downing & Bob Rassa
- Establish and launch a new Transactions on Radar Systems
- Time period for performance: Feb-April 2020 (for the feasibility study)

Feasibility study

The feasibility study will address these points:

- Why this new Transactions?
- Sole sponsor or involve other IEEE sisters societies?
- Business plan
- Classic journal or OA?
- Time period for performance: Feb-April 2020