



- ❖ President, IEEE TEMS and Board of Governor, IEEE Computer Society
- ❖ **Venture Capitalist**
- ❖ **Senior Technology Executive of large utility corporation**
- ❖ **President & CEO of a Technology Consulting Firm**
- ❖ **Advisory Board Member of UN Agencies**





IEEE TEMS
Technology & Engineering
Management Society

Leaders Enabling Projects/Services Success For Good

**Engineering &
Technology
Management**

Entrepreneurship

**IEEE
TEMS**

Innovation

Leadership


History





- **The Engineering Management Society (EMS)** began as an Institute of Radio Engineers (IRE) Committee in **1951**, and with the merger of AIEE and IRE into IEEE became an IEEE Society.
- Exceeded **9,000 members** globally at the point.
- Became the Technology Management Council (TMC) in 2007.
- **In 2015** we transitioned to the **Technology and Engineering Management Society**.
- EMS' publications are one of the **oldest industrial publication** in the field of management.


IEEE Total Membership


421,355

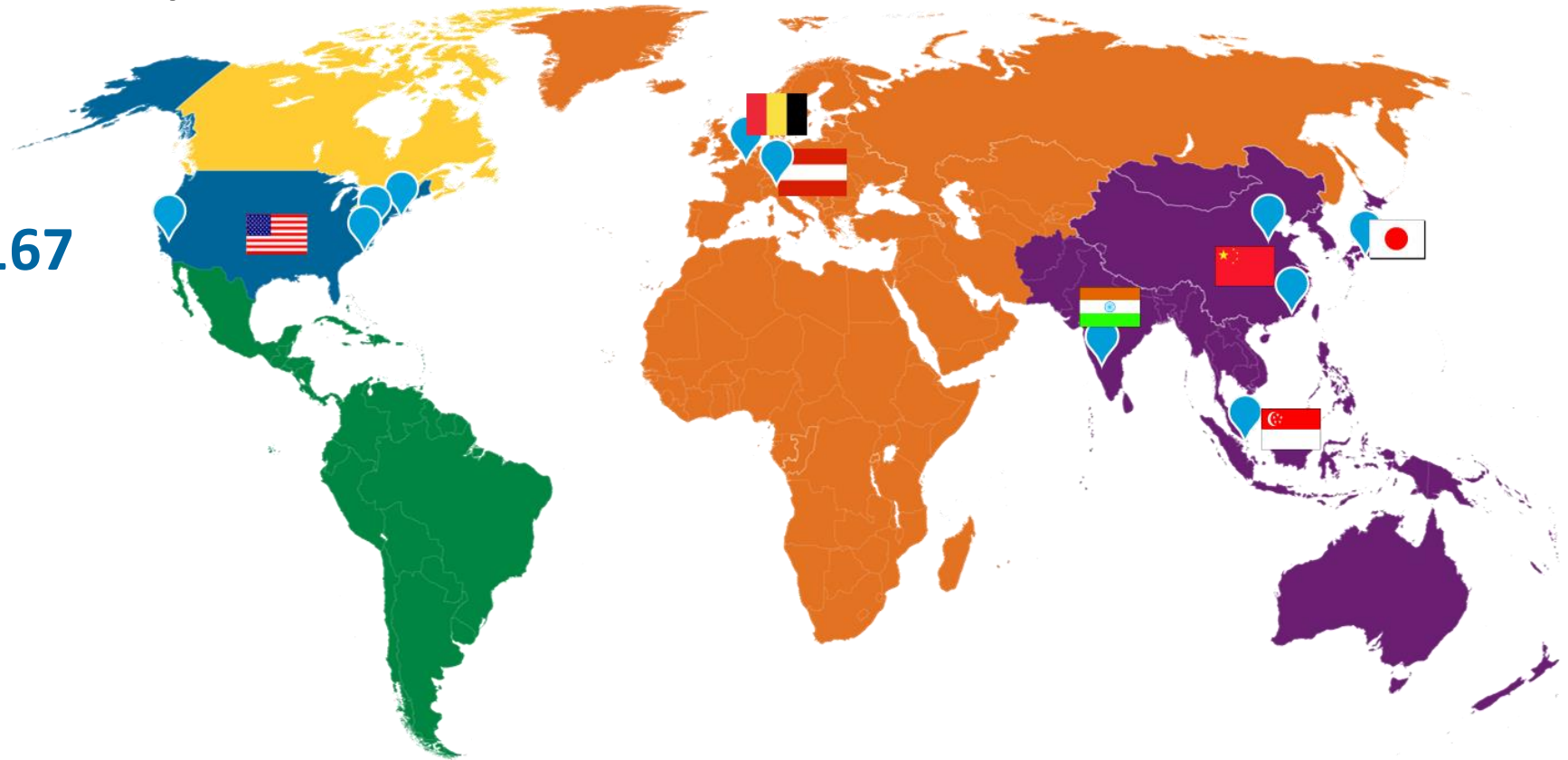
 R1 to 6 — 194,167

 R7 — 17,163

 R8 — 77,883

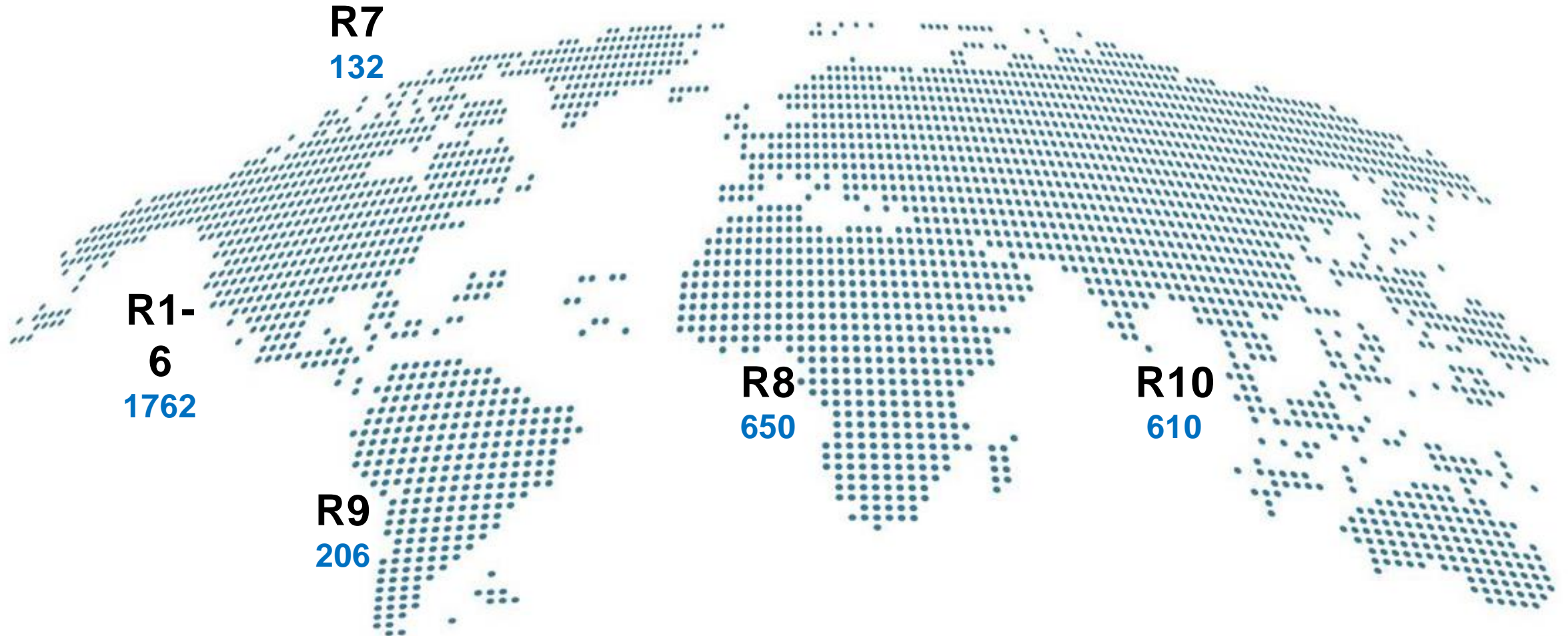
 R9 — 18,569

 R10 — 113,573



 IEEE Office

Member Statistics 2020



61 Chapters

15 Joint Chapters

20 Student Branches

Values



- Advance, enhance, and improve **essential management and leadership knowledge** and skills of IEEE members.
- Help IEEE members to **maintain essential engineering management skills**;
- **Support the leadership career path** of IEEE members;
- **Foster active knowledge transfer** between the academic and practicing communities.

Fields of Interest



TEMS encompasses the management sciences and practices required for **defining, implementing, and managing engineering & technology** and its advancement as a professional discipline. Specific topics of interest include, but are not limited to:

- Technology policy development, assessment, and transfer
- Research
- Product design and development
- Manufacturing operations
- Innovation and entrepreneurship
- Program and project management;
- Strategy
- Education and training
- Organizational development & human behavior
- Transitioning to management
- Socioeconomic impact of engineering & technology management.

Focus Areas



Moving product/services from **idea to market**



Identifying and implementing **successful projects, and systems**



Integrating technology for capability and productivity



Developing from **engineer to leader**



Balancing the norms of society, government, and regulators

Offerings



CONFERENCES

TEMSCON
Global Summit

TEMSCON
Research

TEMSCON
Industry

Industry Forum

TECHNICAL ACTIVITY COMMITTEES

Global AI Standards

Technology for
Social Good

Equity for Minorities
in Tech

Design &
Engineering
Processes

PUBLICATIONS

TEAM PLAYBOOKS

IEEE / ITU AI for Good Summit 2020



2020 IEEE / ITU
International Conference on Artificial Intelligence for Good

21st September 2020
Day 1

bit.ly/AI4GDay1

Eastern Daylight Time (EDT)
10:00 - 14:00

Conference Virtual Room

- Parallel Session 1
- Parallel Session 2
- Parallel Session 3

22nd September 2020
Day 2

bit.ly/AI4GDay2

British Summer Time (BST)
09:00 - 12:30

Conference Virtual Room

- Parallel Session 4
- Parallel Session 5
- Parallel Session 6
- Parallel Session 7

23rd September 2020
Day 3

bit.ly/AI4GDay3

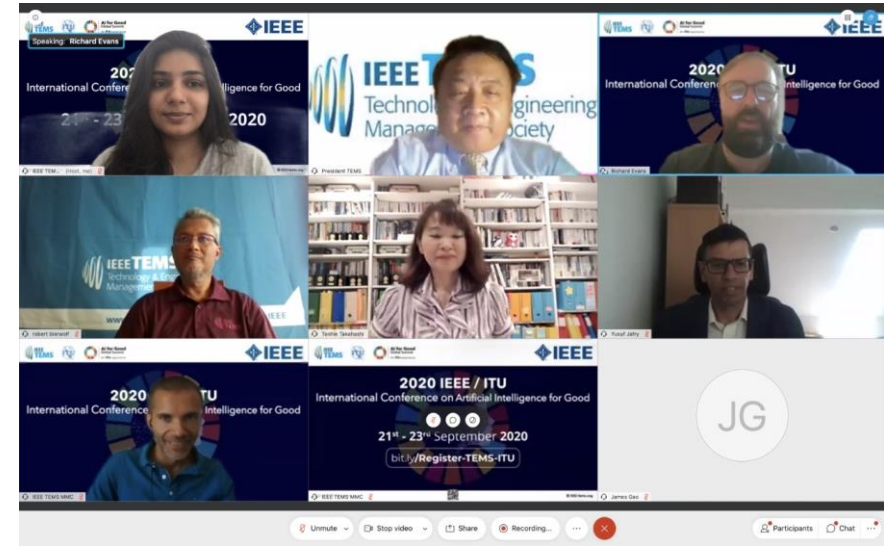
Indian Standard Time (IST)
13:45 - 17:30

Conference Virtual Room

- Parallel Session 8
- Parallel Session 9
- Parallel Session 10
- Parallel Session 11

[/ieeetems](#)

[IEEE-tems.org](https://www.ieee-tems.org)



Publications

IEEE TRANSACTIONS ON
**ENGINEERING
MANAGEMENT**

A PUBLICATION OF THE IEEE TECHNOLOGY AND ENGINEERING MANAGEMENT SOCIETY
(FORMERLY THE IEEE TECHNOLOGY MANAGEMENT COUNCIL)

IEEE TEMS
Technology & Engineering
Management Society

AUGUST 2020 VOLUME 67 NUMBER 3 IEEMA4 (ISSN 0018-9391)

EDITORIAL
Editorial: Engineering and Technology Management: A Growing Field T. U. Daim 514

SPECIAL SECTION: MODELING AND SIMULATION IN DISASTER & EMERGENCY MANAGEMENT: PLANNING, STRATEGY FORMULATION,
DECISION-MAKING, AND TRAINING

Editorial: Special Section on Modeling and Simulation in Disaster and Emergency Management 516

The Employment of Unmanned Aerial Vehicles for Analyzing and Mitigating Disaster Risks in Industrial Sites
A. O. Solis, L. O. Marquez, and A. G. Brucioni 519

Supply Chain Modeling in the Aftermath of a Disaster: A System Dynamics Approach in Housing Recovery
G. Aiello, F. Hayes, D. Santini, and M. Iustaceo 531

Simulation and Visualization of Volcanic Phenomena Using Microsoft HoloLens: Case of Vulcano Island (Italy)
R. Dietz, J. G. Belle, F. Longo, and A. Padavano 545

Simulation-Based Analysis of a Real Water Distribution Network to Support Emergency Management
A. Argente, C. Bonadonna, and C. Frischione 554

A Tool-Based Framework to Assess and Challenge the Responsiveness of Emergency Call Centers
L. Lavrille, T. Patriarca, B. Daudin, O. Haucric, A. Tefani, and E. Ciancaglieri 568

Discrete-Event-Based Simulation Model for Performance Evaluation of Post-Earthquake Restoration in a Smart City
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IEEE

IEEE
**Engineering
Management
Review**

Perseverance
in Pandemic
Times

Volume 48 • Number 2 • Second Quarter • June 2020 www.ieee-tems.org

UPSTREAM MIDSTREAM DOWNSTREAM

Closed-loop multi-tier supply chains for a circular economy. For more see "Circular Economy Business Models—Supply Chain Perspectives," by Nandi et al., pp. 193–201.

IEEE

LEADER newsletter

IEEE TEMS LEADER Newsmagazine of the IEEE Technology and Engineering Management Society. The IEEE Technology Management Society provides several excellent publications, which provide valuable information to help you with performing in your career, as well as keeping up-to-date with the latest findings in management science and innovation.

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ENGINEERING
ENTREPRENEURSHIP
Do you Need a Reverse Mentor?
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INNOVATION
TECHNOLOGY
Wildcats at IBM World of Watson
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CONFERENCES
IEEE TEMS ISIE Inaugural Conference Successfully Held in Beijing
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President Column

PRESIDENT'S COLUMN
Learning to Lead

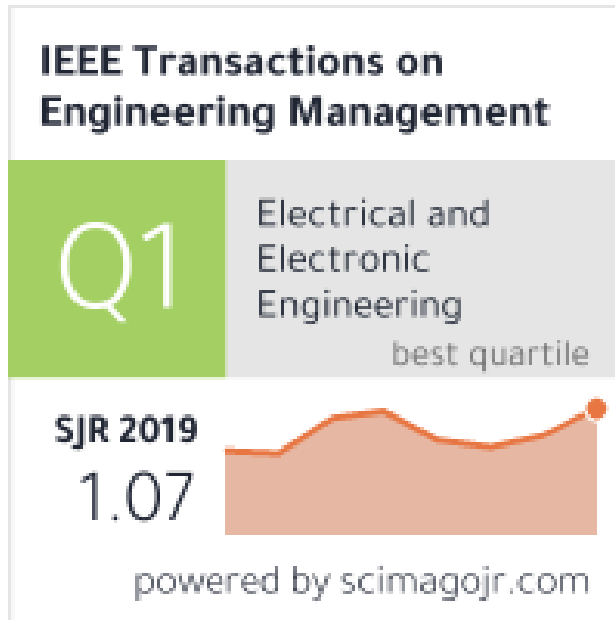
PRESIDENT'S COLUMN
President's letter

JULY 2017 • PRESIDENT'S COLUMN
President's Message

Publications – IEEE TEM



Tugrul Daim, EiC



IEEE Transactions on Engineering Management (IEEE-TEM) is a journal of the Technology and Engineering Management Society of IEEE, **published quarterly since 1954.**

It is dedicated to the publication of peer-reviewed original contributions, by researchers and practitioners, regarding the **theory and practice of engineering, technology, and innovation management.**



IEEE TEM Ranked A in Q1

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Past IEEE Region LATINAMERICA Director

Reviewer of last PMI PMBOK edition

keynote speaker at Blockchain Summit,

Session chair of IEEE 5G WF

