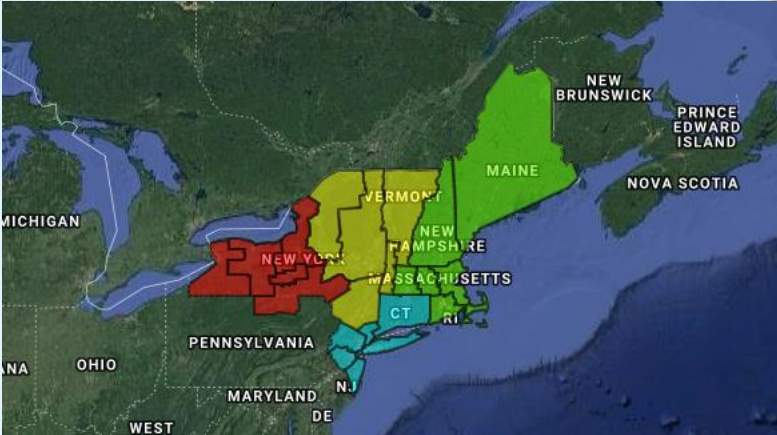


# Transparency and Trust / Cooperation and Inclusion / Financial Transparency



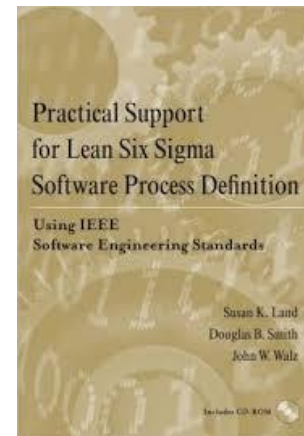
**Susan K. (Kathy) Land, FIEEE**  
**IEEE 2020 President-Elect Candidate**



# Who am I?



- ▶ 1963 Memphis, TN/ Athens, GA
- ▶ 1985 Computer Systems Specialist,
  - Pacific Missile Test Center/Pt. Mugu, CA
    - Standard Missile Laboratory
    - Dawn of electronic warfare, focus on early warning radar
    - Weapons Performance Division: HWIL missile testing early
    - *Standard, Phoenix and AMRAAM* missile systems
- ▶ 1992-2000 3246<sup>th</sup> Test Wing, Eglin AFB FL
  - Flight mission planning software
- ▶ Author/ IEEE and Software Engineering Best Practices



## 2000-2007 Northrop Grumman

Program Manager/Information Technology Fellow  
Technical Director Huntsville Operations

## 2007 – 2010 MITRE

Principle Software Systems Engineer/MDA

## US Missile Defense Agency

Program Manager/Chief Engineer  
2<sup>nd</sup> successful fielding for US Missile Defense in 8 yrs.  
Current Budget; \$120M/2 year program  
Previous; \$1.2 B/5 year program



# Experience & Qualifications

## ▶ IEEE BOD-Level Experience

- Division Director; V 2014-15, VIII 2011-12
- Multiple IEEE-Level Committees / IEEE Fellow

## ▶ Technical Activities Board

- Technical Activities Past-Vice President; **2019**
- Technical Activities Vice President; 2018
- President, Computer Society (CS); 2009
- CS Vice President Conferences; 2007-2008

## ▶ IEEE MGA

- Advisory committee of WIE ILS Bangalore **2019**
- Region 3; ExCom/Awards Chair; 2016-2017
- IEEE WIE Committee; 2008, 2010-2012
- 2018 Moquin Award/ Huntsville Section Prof. of the Year

## ▶ IEEE Standards Association

- IEEE CS Vice President Standards Activities; 2004 – 2006
- IEEE Standards Medallion; 2007

## ▶ IEEE USA

- Board Member; 2013 & 2016
- US Government Community of Interest; Vice Chair 2018

## Current IEEE Committees:

- Strategic Planning Committee
- Entrepreneurship Committee
- Ad Hoc Committee on Diversity & Inclusion
- Advisory Group to Support Financial Improvement
- Conference Finance Management Remediation (CFMR)

Region 1 DVP Lectures...

Region 2 Awards Program...



# What do our Members Want? What does our organization need?

## ■ 2016 Membership Segmentation Survey

- To remain technically current
- To join IEEE societies
- To network with others in the profession
- To participate with others in local activities

## ■ 2015 All Societies Research Project (ASRP)

- To network
- To serve as a volunteer
- To attend local chapter activities

## ■ 2018 Focus Group Project

- Focus on existing programs
- Communicate more effectively
- Do more locally



I support the IEEE leadership vision of membership expansion...  
a redefinition of membership & engagement



## Why I am Qualified & Platform

- Demonstrated experience across the depth and breadth of our organization.
- 30+ years industry technical and executive management experience to leverage in this role.
- Uniquely qualified to understand the challenges and opportunities that exist within IEEE today.
- Through my combined experience, I have come to understand that while we are 'One IEEE', IEEE is a varied and large organization and one size does not fit all. I commit to:
  - ✓ Increased support for STEM, YPS, Entrepreneurship/NeXT and WIE
  - ✓ More support for Chapters, Sections – work to fix what is broken
  - ✓ Opportunity for Community engagement with STEM memberships!
  - ✓ To make IEEE a fair and equitable place for technical interchange where our diversity is represented
  - ✓ Encourage interaction and engagement among the IEEE operating activities and within its technical member communities

The IEEE Senior Executive – must remain agile and sensitive to ALL constituencies and their unique needs



# My Promise... *to be a dedicated steward of the position*

- To act in the best interest of IEEE – the President is an empowered servant
- To earn and maintain the trust of the BOD through the ethical application of the IEEE Constitution, Bylaws and Policies and Procedures
- To work as diligently as I have in other IEEE positions
- To always remember the members we serve



*I am requesting your support*







# Thank You!

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