

## CALL FOR IEEE SMART CITIES VOLUNTEERS

IEEE Smart Cities has recently transitioned from the IEEE Future Directions Committee to the administration of IEEE Power & Energy Society. The IEEE Smart Cities has the following organizational units as Core Members:

- IEEE Communications Society
- IEEE Control Systems Society
- IEEE Council on Electronic Design and Automation
- IEEE Industry Applications Society
- IEEE Power & Energy Society
- IEEE Systems, Man, and Cybernetics Society

As such, we are currently recruiting members to join our newly developed operational committees, which include the:

- IEEE Smart Cities Education Committee
- IEEE Smart Cities Marketing Committee
- IEEE Smart Cities Publications Committee
- IEEE Smart Cities Technical Activities Committee
- IEEE Smart Cities Policy Technical Support Committee
- IEEE Smart Cities R&D Committee

If you are interested in joining any one of the committees listed above, please email Angelique Rajski Parashis at [a.rajski@ieee.org](mailto:a.rajski@ieee.org) with your committee preference. We will then be sure to add your name to the respective committee(s) and a meeting calendar invitation will follow once we have our dates confirmed. Calls will be once per month for about one hour in length. The first calls are anticipated to begin in September. Most work will be done offline, via email and/or a Google drive. If you are interested in specific committee descriptions, you may read more about them below. **Please indicate your committee interest by 9am ET, Monday, August 14th.**

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## Committee Descriptions

### Marketing Committee

#### *Scope*

- Promote Smart City activities of all IEEE OUs by encouraging content, contributions and participation
- Promote the output of all IEEE Smart Cities committees
- Ensure IEEE Smart Cities is at the top of the minds of the public and with editors through daily pitching and offering of our collective expertise for comment via social media, the IEEE Smart Cities portal, trade journals, news outlets, magazines, etc.
- Educate key audiences about IEEE Smart Cities through continual coverage
- Increase global visibility of IEEE Smart Cities with a marketing emphasis

#### *Goals*

- Make contact with lead Marketing lead in each IEEE OU, establish communications with them
- Educate key audiences about IEEE Smart Cities through continual coverage via portal development and usage, use of social media and ongoing portal refreshes

- Increase global Smart City community via its marketing channels including the Facebook, LinkedIn Group, Flip Board, Twitter, e-Newsletter, Technical Community and web portal
- Benchmark and monitor awareness and continue public outreach
- Ensure IEEE is top of mind with editors through daily pitching and offering IEEE for comment

## Education Committee

### *Scope*

- The IEEE Smart Cities Education Committee will have a two-pronged mission, which will encompass: (1) Education and (2) Meetings & Conferences.

### *Goals*

#### (1) Education

- Find and create content, generate content to promote - Understand where the gaps are in education and help generate that content
- Coordinate the generation and presentation of new Smart City educational content including webinars, Q&As, interviews, etc.
- Be at the forefront of Smart City educational offerings and special sessions at IEEE Smart Cities related conferences

#### (2) Meetings & Conferences

- Find and promote IEEE Smart Cities related meetings and conferences
- Outreach to all IEEE Smart Cities collaborators to identify and promote their meetings
- Partner with other IEEE societies and Organizational Units to schedule joint Smart City conferences

## Technical Activities Committee

### *Scope*

- Focus on new technologies that are close to adoption and deployment
- Interact with Smart City stakeholders (IEEE and non-IEEE) on inter-disciplinary technical topics
- Closely collaborate with the IEEE Smart Cities R&D Committee on tracking technologies that are becoming mature from a research perspective
- Closely collaborate with IEEE Standards Association (SA), absorbing the scope of the existing IEEE Smart Cities Standards Committee
- Closely collaborate with the IEEE Future Directions Committee on selecting and partnering with closely related initiatives as related to the Smart City

### *Goals*

#### (1) Technical Area

- Track technical development of new technologies that are close to adoption and deployment
- Interact with IEEE and non-IEEE stakeholders on inter-disciplinary technical topics
- Coordinate with the IEEE Future Directions Committee on Smart City and inter-disciplinary initiatives, e.g. Internet of Things, Big Data, Cyber Security, etc.

- Work with IEEE Smart Cities R&D Committee to track the evolutionary changes in the Smart City as R&D approaches the implementation and deployment stage

(2) Standards Area

- Track the present standards to make sure they are current and up-to-date as far as the existing technologies are concerned
- Look ahead in the short term to prepare for the incremental evolution of the standards to keep track with the evolving Smart City reality
- Make contact with lead Standards person in each IEEE Organizational Unit
- Promote Smart City related standards
- Facilitate transition from R&D to standardization and commercialization
- Provide early guidelines for standard development as the R&D work is becoming mature
- Coordinate with the IEEE SA on necessary changes in existing standards, as well as, forecast future standard developments that may be necessary

## Research & Development Committee

### *Scope*

- Engage in identifying emerging pivotal R&D areas in the Smart City related domain and engage the broader IEEE societies in all pertinent areas for collaboration
- Support and collaborate with public/private enterprises to assess priority areas and disseminate Smart City and sustainable energy research and implementation strategies

### *Goals*

- Evaluate Smart City and related technology road maps to relate technology developments in the IEEE OUs
- Look at technology roadmaps, identify needs and directions going on, and present a view of the technical landscape and direction
- Survey the R&D activities of all IEEE OUs involved in and collaborate – Technical Activities/Emerging Technologies/Standards contact – liaise and be active with those people from each OU. Find out what everyone is doing and promote it – challenge them to represent what is going on in the R&D portions of all IEEE Smart Cities participating OUs – survey and promote
- Initiate collaborations where there are gaps – identify a research direction/need – identify opportunities to collaborate and fill gaps
- Make contact with R&D leads in each IEEE OU and establish communications with them

## Publications Committee

### *Scope*

- Promote and support IEEE Smart Cities newsletter by providing article, special issues and content
- Bring discipline to the understanding of smart city domains and areas
- Support Smart

City articles in existing publications and explore special issues in for example, IEEE Spectrum, OU publications

*Goals*

- Socialize and promote smart city domains and areas
- Support all OUs are participating in special issues
- Review and identify related Smart City publications being produced by existing IEEE OUs and give them visibility by selective publication in Smart City Newsletter
- Portal interface to Xplore - find abstracts of smart city related articles
- Support other Committees for development of new products, for example: support exploring potential new collaborative products such as an annual “Best of Compendium”
- Make contact with Publications lead in each IEEE OU, establish communications with them

Policy Technical Support Committee

*Scope*

- Identify policy technical support needs to help advance Smart City technology
- Provide a two-way link between Smart City technical committees and policy makers (including regulators, legislators, and government officials)
- Liaise with other IEEE policy committees and organizational units

*Goals*

- Provide information and tools to policy makers to help explain and address policy implications on Smart City technology evolution
- Provide information and tools to policy makers to help convey Smart City applications and experience
- Develop and maintain information on policy makers’ needs for Smart City functionality, along with responses from Smart City technical groups regarding issues and obstacles, if any, in providing such functionality
- Help stakeholders make informed decisions on grid modernization and understand how policy affects grid modernization
- Develop and maintain a list of desirable action items for policy makers to help accelerate smart city implementation; policy implications will be developed in conjunction with IEEE-USA
- Produce webinars, whitepapers, reports, and newsletter articles, as appropriate