IEEE Section Reports for the year 2017

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Bombay
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Principles for Digital Development

The following none “living” guidelines designed to help digital development practitioners integrate established best practices into technology-enabled programs.

- **Design With the User:** User-centered design starts with getting to know the people you are designing for through conversation, observation and co-creation.
- **Understand the Existing Ecosystem:** Well-designed initiatives and digital tools consider the particular structures and needs that exist in each country, region and community.
- **Design for Scale:** Achieving scale requires adoption beyond an initiatives pilot population and often necessitates securing funding or partners that take the initiative to new communities or regions.
- **Build for Sustainability:** Building sustainable programs, platforms and digital tools is essential to maintain user and stakeholder support, as well as to maximize long-term impact.
- **Be Data Driven:** When an initiative is data driven, quality information is available to the right people when they need it, and they are using those data to take action.
- **Use Open Standards, Open Data, Open Source, and Open Innovation:** An open approach to digital development can help to increase collaboration in the digital development community and avoid duplicating work that has already been done.
- **Reuse and Improve:** Reusing and improving is about taking the work of the global development community further than any organization or program can do alone.
- **Address Privacy & Security:** Addressing privacy and security in digital development involves careful consideration of which data are collected and how data are acquired, used, stored and shared.
- **Be Collaborative:** Being collaborative means sharing information, insights, strategies and resources across projects, organizations and sectors, leading to increased efficiency and impact.