



9th Iranian Joint Congress on Fuzzy and Intelligent Systems (CFIS2022)

March 2-4, 2022, Higher Education Complex of Bam

Editor: Mohammad-R. Akbarzadeh-T.

E-mail: akbarzadeh@ieee.org

Title of specialized session: AI for Good

Abstract:

It is increasingly clear that artificial intelligence (AI) will be making a profound contribution to the future of humanity, the planet, and the world. AI has already offered cost-effective solutions in several critical fields and has led to a large and profitable private industry. The remaining question is whether AI could also provide cost-effective solutions to traditionally unprofitable problems that are generally neglected by the private sector. Yet solving them is critical to the future of humankind and its 'public good,' such as famine, drought, pollution, and even pandemics. These problems potentially constitute major humanitarian crises that are traditionally supported only by governments or non-profit foundations. Still, as such, their funding is always scarce and inadequate, considering the scale of the problems they address.

In this special session, we hope to include AI applications that are traditionally 'for Good,' such as in medicine, health, agriculture, and the environment. But we also hope to identify applications among them that could be game-changers, transforming traditionally costly problems to profitable and self-sustaining enterprise.

Key Words: Public Good, Non-Profit Organizations, Agriculture, Medical and Health Sciences, Environmental Sciences, Robotic Rehabilitation.
