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Author: Ms. Kaitlyn Holm
University of Pennsylvania, United States, kait.holm@gmail.com

KNOWLEDGE MANAGEMENT PRACTICES IN THE CREATION OF THE UAE'S FIRST OPEN
DATA PORTAL

Abstract

This paper will present on the work done by the authors in the creation of the UAE's open data portal, bayanat.ae, in collaboration with the Telecommunications Regulatory Agency in the UAE government. In partnership with the Telecommunications Regulatory Authority (TRA), this team designed, created, and launched the UAE's first nationwide open data portal, with a particular focus on the data that would be essential in measuring the Sustainable Development Goals and preparing for the UAE first astronaut. The focus on the emergent GIS and space data and associated national Hack for Happiness held with the Sharjah Observatory, created a unique opportunity to deliver space data to youth in a way that they immediately applied it. This large undertaking was the first federalized publication of this statistical and space data. The paper will follow the knowledge sharing and management processes from the very beginning, starting with the gathering of manual statistics books from each of the 7 emirates and raw data to the digitization, restructuring, The value and necessity for accessible earth observation information was a key aspect of the UAE's open data portal.

This portal bayanat.ae. Is a crucial source of accessible earth observation data, and has been the topic of several IAC presentations since its creation.