

U drugom dijelu knjige analizom najnovije literature pruženi su dokazi o potencijalu i ograničenjima Digitalne Zemlje za sustavno generiranje informacija i znanja u mjeranju napretka prema ciljevima održivog razvoja. Dan je pregled napretka u istraživanjima klimatskih promjena koje se temelje na Digitalnoj Zemlji i opisane su studije slučaja koje primjenjuju Digitalnu Zemlju u istraživanjima klimatskih promjena. Opisani su najsuvremeniji potencijali Digitalne Zemlje za progresivno bolja rješenja za ublažavanje katastrofa. Jedna od tema je i digitalni grad – urbana perspektiva na Digitalnoj Zemlji. Prirodna i kulturna baština, zajedničko bogatstvo ljudskih bića, ključ su ljudskog razumijevanja evolucije našeg planeta i društvenog razvoja. Dan je širok pregled koncepta i prakse sudjelovanja građana (*citizen science*) u stvaranju Digitalne Zemlje. Digitalna Zemlja je globalni koncept u kojem svatko može prepoznati svoje stajalište i surađivati s drugima kako bi povećao opće dobro.

U trećem dijelu opisana je povijest i stanje Digitalne Zemlje u Europi, Australiji, Kini i Rusiji.

U četvrtom dijelu obrađeno je obrazovanje za Digitalnu Zemlje koje pruža studentima geoprostorna znanja i vještine za lociranje, mjerenje i rješavanje geografskih problema na Zemljinoj površini. Brz razvoj geoprostorne tehnologije promovirao je novu viziju Digitalne Zemlje koja će obuhvatiti infrastrukturu podataka, društvene mreže, sudjelovanje građana i ljudske procese na Zemlji. Znanstvenici koji se bave problematikom Digitalne Zemlje zalažu se za etički kodeks kojim se štiti privatnost lokacije i ljudsko dostojanstvo. Iako se većina rasprava odnosi na Europsku uniju i SAD, dan je kratki pregled zakonodavstva o zaštiti podataka na afričkom kontinentu i u Kini te najnovije globalne i regionalne smjernice o etici. U zaključnom poglavlju dan je kratak pregled prošlosti i sadašnjosti Digitalne Zemlje, nakon čega slijedi niz izazova i budućih trendova, s predviđanjem o tome kako bi se Digitalna Zemlja mogla razvijati u narednim godinama.

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