**Source on large dependence on subsistence farming (and therefore the need of SR)**

**“**Most Burkinabe do not yet benefit from higher-value, marketed agricultural production. In fact, 86 percent of the population still relies on subsistence agriculture.” (<https://www.usaid.gov/burkina-faso/agriculture-and-food-security>)

The Significance of Small Reservoirs in Sustaining Agricultural

Landscapes in Dry Areas of West Africa: A Review(<https://www.mdpi.com/2073-4441/14/9/1440>) 🡪 sig

* **“**SRs are considered to have a height less than 15 m and storage volumes up to 1 M m3, while large reservoirs have a height and volume of 15 m and 3 M m3 or more (sig, 4)

Agriculture methods

* “About nine-tenths of the population is engaged in subsistence agriculture or livestock raising. The majority of agricultural production consists of subsistence foodstuffs, with the surplus being sold as cash crops.” (https://www.croptrust.org/pgrfa-hub/crops-countries-and-genebanks/countries/burkina-faso/)
* “Agriculture in Burkina Faso is characterized by small-scale rainfed subsistence farming with average farm sizes of less than 5 ha” (<https://www.mdpi.com/2072-4292/9/2/132>)
* “The lack of own capital and access to credits results in extensive farming as characterized by a low level of agricultural inputs, mechanization, fertilizer application, as well as irrigation [[**4**](https://www.mdpi.com/2072-4292/9/2/132#B4-remotesensing-09-00132),[**5**](https://www.mdpi.com/2072-4292/9/2/132#B5-remotesensing-09-00132)]. With a rapidly increasing population and little improvement in agricultural productivity, farmers compensate by expanding cultivated area. As a consequence, it is estimated that the country will reach its limits of arable land by the year 2030” (same as above)

Why small reservoirs?

* “The role of SRs is particularly important given the challenges of water resource availability and accessibility. The problem is partly due to the highly variable natural distribution of water, both geographically and seasonally, throughout Africa” (sig, p1)
* “Most people around the reservoir had better food security compared to those elsewhere (Figure 3).” (sig, p7)
* “Small reservoirs support fish farming, another livelihood source” (sig, p8)
* “Their impact on streamflow seems minimal compared to other large-scale water infrastructure developments” (sig, p16)