

Adopt the latest flood-resistant and wildfires-resistant irrigation technology

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R. Q. Grafton et al. wrote an article entitled “The paradox of irrigation efficiency” (1). We have learned two lessons from recent disaster in Japan and US. One lesson from the danger of flooding in the Mabicho district of Kurashiki, Okayama Prefecture, Japan is that the irrigation control/schedule is critical for controlling water flow in order to avoid flooding (2). Another lesson from wildfires in California is that we should use the fire-resistant technology. In its most advanced technology it might take the shape of an irrigated and shaded lawn or an intricately designed planting of carefully selected fire-resistant or low fuel-volume plants (3). We should use the latest flood-resistant and wildfires-resistant irrigation technology for avoiding disaster.

References:

1. R. Q. Grafton et al., The paradox of irrigation efficiency, Science 24 Aug 2018: Vol. 361, Issue 6404, pp. 748-750
2. <https://www.japantimes.co.jp/news/2018/07/11/national/risk-deadly-flood-badly-hit-area-okayama-prefecture-known-advance/#.W4NIIdLh9hyQ>
3. <https://www.fs.fed.us/psw/publications/documents/gtr-050/landscaping.html>