Flow series (Q) at Kratie → $Q_{\text{max}}/F_v$ for T yr flood → Quasi-2-D flood routing model → Tidal level in 2011 → Land-use map → Inundated areas → Cropping calendar → Exposed areas → Damage function → Flood risk maps rice crop in the VMD

(b) Percentage of peak discharge

Jun 01 Jul 01 Aug 01 Sep 01 Oct 01 Nov 01 Dec 01

- Shape 1 p = 21%
- Shape 2 p = 22%
- Shape 3 p = 34%
- Shape 4 p = 23%

(c) Percentage of yield reduction

Inundation duration (in days) → Inundation depth >1.0 m → Inundation depth 0.5–1.0 m → Inundation depth < 0.5 m