

The type of lines have been changed in Figure 3 in the manuscript and in Figures S1 to S3 in the supplementary material.

For figures 4 and 5, these are parallel axis graphs each showing between 200 to 400 lines ('optimal' solutions), falling into six different groupings, and crossing five axes. Unfortunately, using different types of dashed lines does not work as the 200+ lines on each graph are clustered together, and intersecting at multiple points in each graph. Since only black and grey (on a white background) are clearly discernable to all the different types of colour vision deficiencies, there are not enough colour options to show the six groupings for the 200+ lines on each graph.

Is it possible to add a note in the captions referring to the table below which explains how the colours change for the different types of colour blindness?

This offers a solution for all except Monochromacy. Unfortunately, we have so far been unable to think up a way to present these graphs clearly for those with monochromacy and would be grateful for advice on how to do this.

Type of solution	Normal	Red Weak	Red blind	Green Weak	Green blind	Blue blind
Best hydropower	Red	Red	Dark grey	Red	Light brown	Red
Fair hydropower	Light red/pink	Light blue	Light blue	Light blue	Light blue	Light red/pink
Best environment	Green	Green	Dark yellow/Brown	Green	Brown	Green
Fair environment	Light green	Yellow/light green	Yellow	Light green	Yellow	Light green
Best irrigation	Purple	Blue	Blue	Blue	Blue	Dark grey
Other solutions	Light grey	Light grey	Light grey	Light orange	Light orange	Light grey

NB: For Blue-Weak and Blue-Cone monochromancy, the colours remain unchanged from Normal.