

Water Availability Versus Water Use Within the Mogol River Catchment

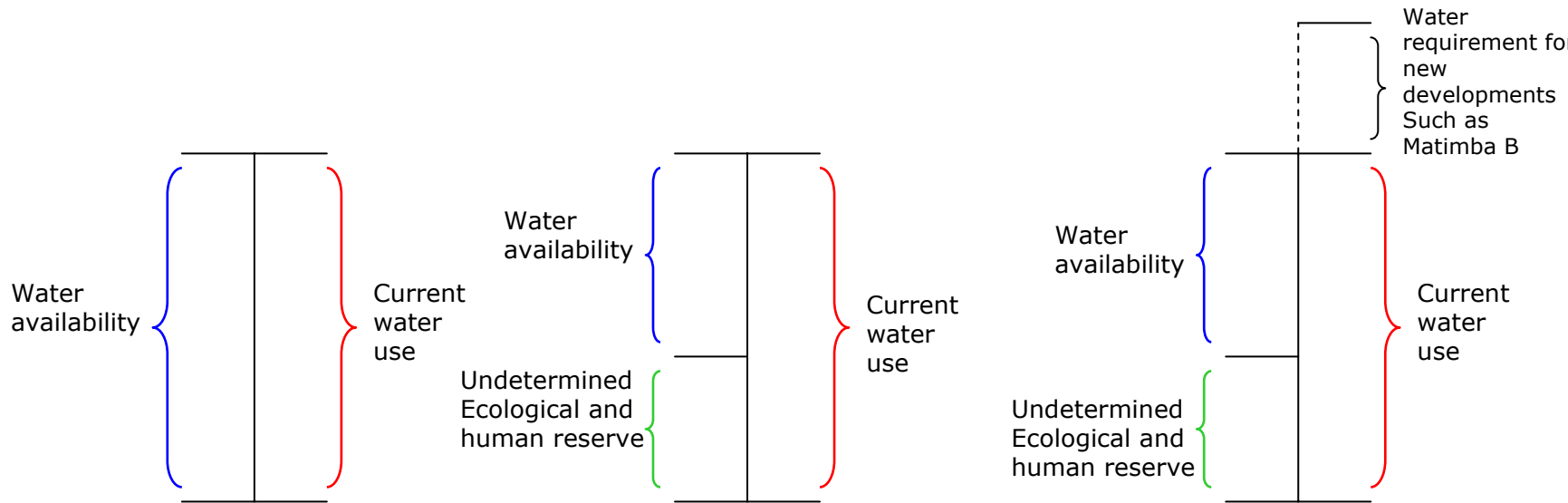


Figure 6.10a: The current water system is in balance due to the fact that the water available for use equals the water allocated for use. However, this system is also under stress as there is no additional water available in the system should an additional need arise for water usage.

Figure 6.10b: Once the ecological and basic human needs reserves have been determined, these requirements create a deficit in terms of the water available for use. In this case the system will no longer be in balance.

Figure 6.10c: In the event of new developments such as Matimba B, the water required for use from the system will increase. These additional requirements cannot currently be met, unless the surface water system is developed in order to increase the water availability.