The figure illustrates various sediment and water discharge measurements over different terraces under control conditions (Ctrl_1 & Ctrl_2) and under different treatments (IQ, DQ). Onset of terrace abandonment and lag times are indicated, showing differences in sedimentation and water discharge responses.

- **Ctrl_1 & Ctrl_2**
  - Mean slope and average channel width are shown, with 1σ variation.
  - Norm. sediment supply is constant between 0 and 2.

- **IQ**
  -_slope gradients and channel widths are consistent with Ctrl_1 & Ctrl_2.

- **DQ**
  - Similar to Ctrl_1 & Ctrl_2, but with varied sediment and water discharge.

- **Norm. water discharge**
  - IQ and DQ show variations in discharge over time.

- **BLF**
  - Discharge patterns are illustrated showing instant downstream terraces and lag times for upstream terraces.

The figures indicate differences in hydrological responses under various treatments, reflecting the impact of Ctrl_1 & Ctrl_2 versus IQ and DQ treatments.