P27   Capturing local knowledge to improve flood modelling

Theme(s):	A: Conserve and restore river habitat, and adapt to / mitigate for the physical impacts of weather extremes and climate change.
Goal(s):	A3: Reduce risk from or control flooding.
Sub-goal(s):	A3a: Reduce risk from or control flooding from rivers.
	A3b: Reduce risk from or control surface water (runoff) floods.

The scale of origin and impacts of runoff floods is often local and stakeholders quickly identify the 'mini' or 'micro' catchments responsible. This knowledge should be captured and compared with existing runoff models to identify opportunities for natural flood control (including Sustainable Drainage Systems). Clarification is needed on how flood levy funding can be accessed for delivery of physical works.

Project Status:	Proposed
Potential Deliverer(s):	Tyne Rivers Trust, Newcastle University (NiRES), Parish Councils
Estimated Timeframe:	1 to 5 years
Estimated Project Cost:	£250,000 to £500,000
Potential Funding Source(s):	Environment Agency flood levy, Defra/Environment Agency Catchment Restoration Fund, Highways maintenance budget