

NEWS

BGS shortlisted for Brownfield Award

Thursday, 6 July 2020

The British Geological Survey (BGS) has been shortlisted for a Brownfield Award for the first time.

The Brownfield Awards are part of the Brownfields Development Festival 2020 and recognise best practice in the brownfield, regeneration and contaminated land industry.

BGS has been nominated in the category 'Best Scientific/Technical/Digital Advance' for its work to develop the [Brownfield Ground Risk Calculator](#).

The category recognises a genuine breakthrough in science or technology for any aspect of brownfield land assessment, remediation and development.

The awards will be announced at the 16th Brownfield Awards ceremony, taking place virtually on 19 November 2020.

Kate Royse, Chief Digital Officer at BGS said: "The brownfield awards recognise innovative techniques, awareness of sustainability, demonstration of best practice and it is judged by leaders in the field. We are very proud to have our work on the Brownfield Ground Risk Calculator acknowledged."

BGS worked in collaboration with partners Greater Manchester Combined Authority, Gateshead Council and the Environment Agency, to develop the tool.

BGS geoscientist Darren Beriro is a specialist in brownfield sites and led the project. He said:

"This is testament to successful interdisciplinary working across organisations but most importantly to the value of co-designing digital geoscience."

"We've learned a lot working with Greater Manchester Combined Authority, Gateshead Council and their respective partner organisations, and we hope to continue developing the tool in future for other areas."

A brownfield site is an area that has been used before and is typically disused or derelict land.

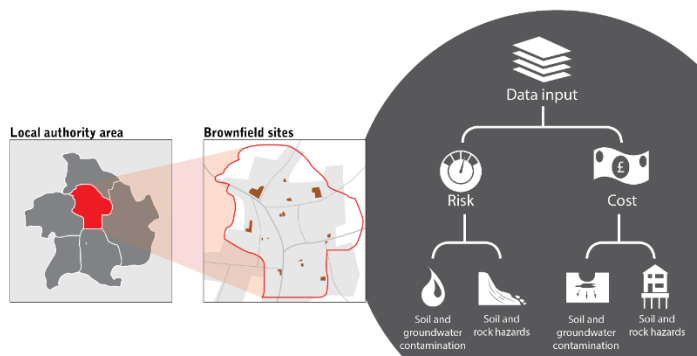
They are usually underutilised urban areas often located in towns and cities which have an industrial history, such as factory sites and chemical works.

The BGS Brownfield Ground Risk Calculator helps authorities to understand ground conditions and estimate the ground risk and cost of developing brownfield sites.

The digital planning tool shows the scale at which potential brownfield sites are expected to be affected by soil or groundwater contamination.

It also evaluates geotechnical hazards, such as land stability and ground gases which can affect building design, and estimates the costs required to mitigate the risks.

It uses over thirty environmental datasets including those published by BGS, the Environment Agency and The Coal Authority.



You can [read more about the BGS Brownfield Ground Risk Calculator here.](#)

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