

**This Call for Papers closed on 6th March 2017
and has been withdrawn**

Call for Papers - waste



February 2017

As part of the Development, Concepts and Doctrine Centre's (DCDC) Global Strategic Trends Programme ([GST](#)) we are undertaking a study into the future of **waste and waste management**. The study will explore evidence of trends and drivers associated with waste and waste management **out to the year 2050**. Below are some of the areas of interest.

Quantity and types: how much waste the world produces; the types of waste and emissions produced; waste and emissions sources; behaviours and attitudes that drive waste production; identifiable waste profiles within and between regions, demographic or social profiles. If and how the type of waste we produce might change. What and how waste might be produced across Defence and Security environments of land, air, maritime and space?

Storage and transportation: mature, emerging, governed, unauthorised, informal and temporary waste infrastructures and architectures; trends and drivers associated with transportation and the shipment of waste pollutants; risks or opportunities from waste.

Management of waste: global profiles for waste processing options and technologies; attitudes, governance and management of waste, including hazardous, hard-to-treat and/or persistent wastes; efficiency and waste reduction through design and emerging technologies; and urban recycling.

Waste and the economy: waste and economic development; waste as a fuel or resource; waste and inefficiencies; the economic cost or benefit of waste; informal economies associated with waste; jobs, investment and opportunities; waste and the circular economy; counter trends and changing drivers.

Health and environmental impacts: sanitation, land, air and water quality associated with poor waste management practises; rubbish, litter, smells and living standards; global accumulations of waste; the natural capital impact of waste; and greenhouse gas emissions associated with waste.

Defence and Security: legislation, treaties and other governance trends and drivers that may impact on Defence and Security supply chains and spending; space-waste, satellite services and earth observation capabilities; waste and logistic profiles; and waste and the ability to operate.

Authors are invited to submit a short two page outline, of the paper they wish to write on the subject(s) along with their credentials and experience within the area of study to the DCDC Futures team at dcdc-strategictrends@mod.gov.uk

Submissions must be original and should not have been published previously. Papers are to have three parts: historic trends and drivers; emerging future trends and drivers; and plausible outcomes from these and must be supported by historical trends and drivers based evidence.

DCDC will review submissions and will notify the authors if they wish to commission the paper.

Key dates

Submission deadline: 6 March 2017

Author notification: 13 March 2017

Final manuscript due: 8 May 2017



Ministry
of Defence

Email submissions to:

dcdc-strategictrends@mod.gov.uk

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