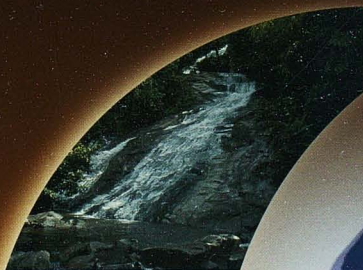


# THE POLITICS OF CLIMATE CHANGE

## International Responses and Malaysia



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Siri Pembandaran Lestari ialah sebuah siri terbitan yang merupakan suatu wadah wacana proses pembangunan lestari. Di negara membangun proses pembandaran itu masih menimbulkan pelbagai persoalan dan masih hebat diperdebat. Dalam arus pemikiran pembangunan lestari, bukan sahaja hasil akhirnya yang perlu diambilkira, malahan proses perubahan dan usaha ke arah pembangunan itu sendiri amat perlu diteliti. Siri terbitan ini menyediakan pentas penyampaian teori, pemikiran terkini dan hasil kajian bersabit dengan pembandaran dalam konteks kelestarian pembangunan dan pengurusan persekitaran di negara membangun.

Abdul Samad Hadi, Shaharudin Idrus, Ahmad Fariz Mohamed & Abdul Hadi Harman Shah. 2006. *Perubahan Persekitaran dan Kemudahterancaman Lembangan Langat*. Bangi: Penerbit UKM. ISBN 967-942-719-6.

Abdul Samad Hadi, Abdul Hadi Harman Shah, Ahmad Fariz Mohamed & Shaharudin Idrus. 2006. *Mencari Kelestarian Bandar Kecil*. Bangi: Penerbit UKM. ISBN 967-942-716-1.

Abdul Samad Hadi, Shaharudin Idrus, Abdul Hadi Harman Shah & Ahmad Fariz Mohamed. 2008. *Dayahuni Bandar (Urban Livability)*. Bangi: Penerbit LESTARI. ISBN 978-983-9444-96-4.

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