



# LAPORAN KUALITI ALAM SEKELILING

# 2016

ENVIRONMENTAL QUALITY REPORT



**JABATAN ALAM SEKITAR**  
Kementerian Sumber Asli & Alam Sekitar  
**DEPARTMENT OF ENVIRONMENT**  
Ministry of Natural Resources & Environment

## **Department of Environment, Malaysia**

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Tel: 03-8024 6396  
Faks: 03-8024 6936  
Email: omrsdnbhd1@gmail.com

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# PRAKATA

## FOREWORD

### Dato' Dr. Ahmad Kamarulnajib Che Ibrahim

Ketua Pengarah Kualiti Alam  
Sekeliling Malaysia  
*Director-General Of Environmental  
Quality Malaysia*



Saya amat berbesar hati untuk membentangkan Laporan Kualiti Alam Sekeliling 2016 seperti yang dikehendaki di bawah Seksyen 3(1)(i) Akta Kualiti Alam Sekeliling 1974.

Malaysia telah mengalami episod jerebu yang sederhana antara Februari hingga April 2016 iaitu berpunca daripada jerebu setempat dan jerebu merentas sempadan disebabkan oleh kebakaran hutan dan tanah gambut.

Berdasarkan Indeks Pencemar Udara (IPU), kualiti udara keseluruhan bagi Malaysia pada tahun 2016 adalah berstatus baik dan sederhana pada kebanyakan masa di samping terdapat pengurangan bilangan hari yang tidak sihat dicatatkan pada tahun 2016 dibandingkan dengan tahun 2015.

It is my pleasure to present the Environmental Quality Report 2016 as required under Section 3(1)(i) of the Environmental Quality Act 1974.

Malaysia had experienced moderate haze episodes in 2016 that caused by localized and transboundary haze pollution resulting from land and forest fires.

Based on the Air Pollutant Index (API), the overall air quality for Malaysia in 2016 was between good to moderate levels most of the time and there was a reduction in term of number of unhealthy days recorded in 2016 compared to 2015.

Kualiti persekitaran marin kawasan pantai, kuala dan pulau adalah dalam variasi yang normal berdasarkan Indeks Kualiti Air Marin (IKAM). Tren Status Kualiti Air Marin Kawasan Pantai menunjukkan bilangan stesen terbaik meningkat daripada sembilan (9) stesen pada tahun 2015 kepada enam belas (16) stesen pada tahun 2016 dan stesen sederhana meningkat daripada lapan puluh enam (86) stesen kepada seratus tiga (103) stesen pada tahun 2016. Manakala bagi stesen baik menunjukkan penurunan daripada lima puluh empat (54) stesen pada tahun 2015 kepada tiga puluh satu (31) stesen pada tahun 2016.

Sementara itu, kualiti air sungai telah menunjukkan penurunan pada tahun 2016. Peratus bilangan sungai yang dikategorikan sebagai bersih telah menurun kepada 47% pada tahun 2016 berbanding 58% pada tahun sebelumnya. Peratus bilangan sungai yang dikategorikan sebagai tercemar telah meningkat daripada 7% kepada 10% pada tahun 2016.

JAS akan terus mengukuhkan dan melaksanakan strategi, program dan aktivitinya dengan berkesan dalam menguruskan alam sekitar secara mampan.

Alam Sekitar, Tanggungjawab Bersama


The quality of the marine environment with respect to coastal, estuarine and island areas was within normal variations compared with the Marine Water Quality Index (MWQI). The trend of Marine Water Quality for Coastal Area shows that numbers of stations in Excellent category have increased from nine (9) stations in year 2015 to sixteen (16) stations in year 2016 and numbers of stations in Moderate category have increased from eighty six (86) stations to one hundred and three (103) stations in year 2016. Meanwhile stations under Good category have decreased from fifty four (54) in year 2015 to thirty one (31) stations in year 2016.

Meanwhile, river water quality had shown a decrease in 2016. The percentage of clean rivers has decreased to 47% in 2016 compared to the 58% in the previous year. The percentage of polluted river has increased from 7% to 10% in 2016.

DOE will continue to strengthen and implement its strategies, programs and activities effectively in managing the environment sustainably.

Environment, Our Shared Responsibility

“Negaraku, Alam Sekitarku”



**Dato' Dr. Ahmad Kamarulnajib Che Ibrahim**

Ketua Pengarah Kualiti Alam Sekeliling Malaysia  
*Director-General Of Environmental Quality Malaysia*