

信息简报

【2016】第 1 期 （总第 89 期）

清华大学环境学院编

2016年 1-2 月

1. 2015 -
- 2.
3. 2015
4. “ ”
- 5.
6. “ ”
7. —
8. -
- 9.
- 10.
11. 2015
12. /
- 13.
14. 2016

》

Haagen-Smit Clean Air Awards 2015 -

- “ ” _____ . -

2001 44

/

》

1 19

30



/ /

》

1 8 2015



16
(1/6) (2/6)

” “ (1/10)

(2/10) (6/10) (9/10) ”

“

“ ”

“ - - - ”

256

“

”

2015

21

2

3

16

/

/

》



1

15

“

”

70

2015

“

”

“

”

2015

“

”

ABET

SCI

SCI

“

”

12

2015

“

”

“

”

“

”

“

”

“ ”

/

》

“

”

2015 11 23



“ ”

12 7

12 26

“

”

“

”

“

”

/

》

“

”

“

”

/

》



1 6 — “ ”

3

3200

” “

”

2362

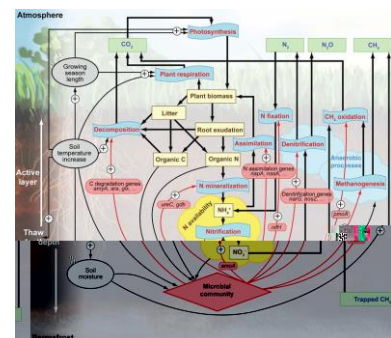
/

》

” “

/ ,

- Nature Climate Change
Tundra soil carbon is vulnerable to
rapid microbial decomposition under climate warming
“ ”



<http://www.nature.com/nclimate/journal/vaop/ncurrent/full/nclimate2940.html>

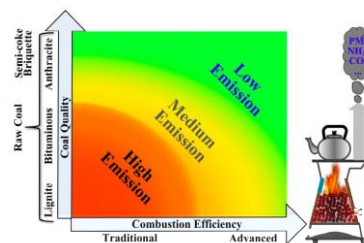
»

Scientific Reports

Environmental Science & Technology Letters

Semi-coke briquettes: towards reducing emissions of primary PM_{2.5}, particulate carbon, and carbon monoxide from household coal combustion in China

Gaseous Ammonia Emissions from Coal and Biomass Combustion in Household Stoves with Different Combustion Efficiencies



PM_{2.5}

PM_{2.5} 92% 98% 91%

/

<http://www.nature.com/articles/srep19306>

<http://pubs.acs.org/doi/pdf/10.1021/acs.estlett.6b00013>

»

1 19

Environmental Science
and Technology “ Ultrasonic Treatment Enhanced Ammonia-oxidizing Bacterial (AOB)
Activities for Nitrification Process ” AOB

1975 Voet —

2011

Ammonia-oxidizing Bacteria AOB

Nitrite-oxidizing Bacteria NOB

AOB NOB

/

<http://pubs.acs.org/doi/abs/10.1021/acs.est.5b04178>

»

1 12

2015

24 /

»



2 22 . . Per
Halkjar Nielsen 272

Novel insights into the microbes of the largest biotechnological
process in the world: Biological nutrient removal
30

“ MiDAS ”

EBPR
Comammox

. .
Science Nature, ISME, FEMS, AEM, EM, Water Research SCI
230 /

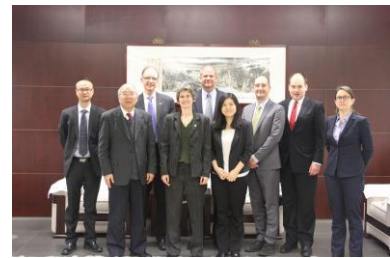
»

/ “ ” 1
26-30

/

»

2 29 · Janet
McCabe 6



2015 -

/

»

1 31 International Ultraviolet Association,
IUVA 2016 IUVA

Best Student Oral Presentation Award

3



/

/

/

»

http://theory.gmw.cn/2015-10/04/content_17247792.htm

010-62771528

010-62785687

soexc@tsinghua.edu.cn

<http://www.env.tsinghua.edu.cn>