

**2019 Refinement to the 2006 IPCC Guidelines for the National Greenhouse Gas Inventories**  
**List of selected Authors and Review Editors on 23/01/2019**

	Last Name	First Name	Role	Gender	Country of Residence	Citizenship	Affiliation
<b>Volume 1: General Guidance and Reporting</b>							
1	ROMANO	Daniela	CLA	F	Italy	Italy	ISPRA - Institute for Environmental Protection and Research
2	WITI	Jongikhaya	CLA	M	South Africa	South Africa	Department of Environmental Affairs
3	DE LAURETIS	Riccardo	LA	M	Italy	Italy	ISPRA - Institute for Environmental Protection and Research
4	EGGLESTON	H. Simon	LA	M	Switzerland	UK	Global Climate Observing System (GCOS) - WMO
5	FANG	Shuangxi	LA	M	China	China	China Meteorological Administration
6	GILLENWATER	Michael	LA	M	USA	USA	Greenhouse Gas Management Institute
7	GINZBURG	Veronika	LA	F	Russia	Russia	Yu.A. Izrael Institute of Global Climate and Ecology
8	GOODWIN	Justin	LA	M	UK	UK	Aether Limited
9	HA	Chia	LA	F	Canada	Canada	Environment and Climate Change Canada
10	KHOMSI	Kenza	LA	F	Morocco	Morocco	Direction de la Météorologie Nationale
11	MAKSYUTOV	Shamil	LA	M	Japan	Russia	National Institute for Environmental Studies
12	PACIORNIK	Newton	LA	M	Brazil	Brazil	Private consultant
13	RADUNSKY	Klaus	LA	M	Austria	Austria	Umweltbundesamt
14	TIWARI	Yogesh Kumar	LA	M	India	India	Indian Institute of Tropical Meteorology
15	TUBIELLO	Francesco Nicola	LA	M	Italy	USA	FAO - Food and Agriculture Organization of the United Nations
16	WOO	Jung Hun	LA	M	Republic of Korea	Republic of Korea	Konkuk University
17	GYTARSKY	Michael	RE	M	Russia	Russia	Yu.A. Izrael Institute of Global Climate and Ecology
18	IRVING	William N.	RE	M	USA	USA	US Environmental Protection Agency
<b>Volume 2: Energy</b>							
1	GARG	Amit	CLA	M	India	India	Indian Institute Of Management Ahmedabad
2	WEITZ	Melissa M.	CLA	F	USA	USA	US Environmental Protection Agency
3	BOETTCHER	Christian	LA	M	Germany	Germany	Umweltbundesamt (Federal Environment Agency)
4	MBUTHI	Paul Nzomo	LA	M	Kenya	Kenya	Ministry of Energy & Petroleum
5	OLIVER	Steven J.	LA	M	Australia	Australia	Department of the Environment and Energy
6	QUADRELLI	Roberta	LA	F	France	Italy	OECD - Organisation for Economic Co-operation and Development / IEA - International Energy Agency
7	RANDLES	Cynthia Ann	LA	F	USA	USA/Australia	IPIECA - International Petroleum Industry Environmental Conservation Association / ExxonMobil Research and Engineering Company
8	RODRIGUES DE SOUZA	Raquel	LA	F	Brazil	Brazil	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
9	SINGH	Ajay Kumar	LA	M	India	India	Private Consultant
10	STROGIES	Michael	LA	M	Germany	Germany	Federal Environment Agency
11	TADLYA	Kostyantyn	LA	M	Ukraine	Ukraine	Resource Efficient and Cleaner Production Centre
12	UVAROVA	Nina	LA	F	Russia	Russia	Yu.A. Izrael Institute of Global Climate and Ecology
13	WATTERSON	John D.	LA	M	UK	UK	Ricardo plc
14	YAMBA	Francis Davison	LA	M	Zambia	Zambia	Centre for Energy, Environment and Engineering Zambia (CEEZ) / University of Zambia (UNZA)
15	YU	Shengmin	LA	M	China	China	National Center for Climate Change Strategy and International Cooperation
16	ZHU	Songli	LA	F	China	China	Energy Research Institute, National Development and Reform Commission
17	GÓMEZ	Dario R.	RE	M	Argentina	Argentina	Comisión Nacional de Energía Atómica
18	JANSSENS-MAENHOUT	Greet	RE	F	Italy	Belgium	Joint Research Centre, European Commission, European Union
<b>Volume 3: Industrial Processes and Product Use</b>							
1	CAI	Bofeng	CLA	M	China	China	Chinese Academy for Environmental Planning
2	OTTINGER	Deborah A.	CLA	F	USA	USA	Climate Change Division, U.S. Environmental Protection Agency
3	BEU	Laurie S.	LA	F	USA	USA	Laurie S. Beu Consulting
4	BJØNNES	Kathrine Loe	LA	F	Norway	Norway	Norwegian Environment Agency
5	CZERNIAK	Michael Roger	LA	M	UK	UK	Edwards

6	DAWIDOWSKI	Laura E.	LA	F	Argentina	Argentina	National Atomic Energy Commission
7	DEWI	Retno Gumilang	LA	F	Indonesia	Indonesia	Center for Research on Energy Policy, Institut Teknologi Bandung
8	DION	Lukas	LA	M	Canada	Canada	International Aluminium Institute / Rio Tinto - Arvida Research and Development Center
9	GSCHREY	Barbara	LA	F	Germany	Germany	Oeko-Recherche GmbH
10	GUSTAFSSON	Tomas	LA	M	Sweden	Sweden	IVL Swedish Environmental Research Institute
11	HIROSE	Katsuhiko	LA	M	Japan	Japan	Toyota Motor Corporation
12	ILLUZZI	Francesca	LA	F	Italy	Italy	ST Microelectronics
13	ISHIKAWA	Junichi	LA	M	Japan	Japan	Japan Fluorocarbon Manufacturers Association / Chemours K.K. / (DuPont-Mitsui Fluorochemicals Co., Ltd.)
14	KITAGAWA	Tetsuya	LA	M	Japan	Japan	Japan Electronics and Information Technology Industries Association (JEITA)
15	KOLMOGORTSEVA	Oleksandra	LA	F	Ukraine	Ukraine	UNOPS Ukraine
16	LÓPEZ BLANCO	María José	LA	F	Spain	Spain	Gauss International
17	LYU	Youngsook	LA	F	Republic of Korea	Republic of Korea	National Institute of Environmental Research
18	MADER	Brian T.	LA	M	USA	USA	3M Company Environmental Laboratory
19	MAIONE	Michela	LA	F	Italy	Italy	University of Urbino
20	NUNEZ	Pernelle	LA	F	UK	UK	International Aluminium Institute
21	OKAZAKI	Teruo	LA	M	Japan	Japan	Nippon Steel & Sumikin Research Institute Corporation
22	PARASYUK	Natalya	LA	F	Ukraine	Ukraine	PMR Ukraine Project
23	PERSON ROCHA E PINHO	Ingrid	LA	F	Brazil	Brazil	Ternium Brasil
24	RAOUX	Sébastien	LA	M	Argentina	France/USA	Transcarbon International
25	SCHAFFNER	Karen S.	LA	F	USA	USA	RTI International
26	SKULLERUD	Håkon Frøysa	LA	M	Norway	Norway	Statistics Norway
27	SPIRIN	Alexey Viktorovich	LA	M	Russia	Russia	UC Rusal
28	TANTAWI	Samir	LA	M	Egypt	Egypt	United Nations Development Programme (UNDP), Egyptian Environmental Affairs Agency (EEAA)
29	WONG	David Sydney	LA	M	New Zealand	New Zealand	Light Metals Research Centre, University of Auckland
30	ZILLE	Andrea	LA	M	Portugal	Italy/ Portugal	University of Minho
31	SAID ABDALLAH	Batouli	RE	F	Comoros	Comoros	National Center of Documentation and Scientific Research (CNDRS)
32	THISTLETHWAITE	David Glen	RE	M	UK	UK	Ricardo Energy & Environment

**Volume 4: Agriculture, Forestry and Other Land Use**

1	DONG	Hongmin	CLA	F	China	China	Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences
2	MACDONALD	James Douglas	CLA	M	Canada	Canada	Environment and Climate Change Canada
3	OGLE	Stephen Michael	CLA	M	USA	USA	Natural Resource Ecology Laboratory, Colorado State University
4	SANZ SANCHEZ	María José	CLA	F	Spain	Spain	BC3 - Basque Centre for Climate Change
5	THEOTO ROCHA	Marcelo	CLA	M	Brazil	Brazil	Fábrica Ética Brasil
6	AHMED HASSAN	Rehab	LA	F	Sudan	Sudan	Higher Council for Environment and Natural Resources
7	AKIYAMA	Hiroko	LA	F	Japan	Japan	Institute for Agro-Environmental Sciences, National Agriculture and Food Research Organization
8	ALM	Jukka	LA	M	Finland	Finland	Natural Resources Institute Finland (Luke)
9	AMON	Barbara	LA	F	Germany	Germany	Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB)
10	BALDOCK	Jeffrey Alexander	LA	M	Australia	Australia	CSIRO - Commonwealth Scientific and Industrial Research Organisation
11	BARAHONA ROSALES	Rolando	LA	M	Colombia	Honduras	Universidad Nacional de Colombia
12	BARROS	Nathan Oliveira	LA	M	Brazil	Brazil	Federal University of Juiz De Fora
13	BASTVIKEN	David T.E.	LA	M	Sweden	Sweden	TEMA Environmental Change, Linköping University
14	BEAULIEU	Jake J.	LA	M	USA	USA	United States Environmental Protection Agency
15	BERNOUX	Martial	LA	M	Italy	France	FAO - Food and Agriculture Organization of the United Nations
16	BHATTACHARYA	Sumana	LA	F	India	India	IORA Ecological Solutions
17	BRANDON	Andrea M.	LA	F	New Zealand	New Zealand	New Zealand Ministry for the Environment
18	BUENDIA	Leandro V.	LA	M	Philippines	Philippines	Freelance Consultant
19	CHIRINDA	Ngonidzashé	LA	M	Colombia	Zimbabwe	CGIAR - Consultative Group on International Agricultural Research / International Centre for tropical Agriculture (CIAT)

20	CHUERSUWAN	Nares	LA	M	Thailand	Thailand	Suranaree University of Technology
21	DE LIGT	Robert	LA	M	Australia	Australia	The Mullion Group
22	DEL PRADO	Agustin	LA	M	Spain	Spain	BC3 - Basque Centre for Climate Change
23	DOMKE	Grant M.	LA	M	USA	USA	U.S. Department of Agriculture, Forest Service
24	ENDO	Takahiro	LA	M	Japan	Japan	Remote Sensing Technology Center of Japan (RESTEC)
25	EVANS	Christopher David	LA	M	UK	UK	Centre for Ecology and Hydrology
26	FEDERICI	Sandro	LA	M	Italy	San Marino	Independent consultant
27	GARCIA-APAZA	Emilio	LA	M	Bolivia	Bolivia	Faculty of Agronomy, San Andres Major University
28	GARNEAU	Michelle	LA	F	Canada	Canada	Université du Québec à Montréal
29	GAVRILOVA	Olga	LA	F	Estonia	Estonia	Tallinn University of Technology
30	GOHEER	Muhammad Arif Rashid	LA	M	Pakistan	Pakistan	Global Change Impact Studies Centre (GCISC)
31	GOMEZ	Carlos	LA	M	Peru	Peru	Universidad Nacional Agraria La Molina
32	GRASSI	Giacomo	LA	M	Italy	Italy	Joint Research Centre, European Commission, European Union
33	GREEN	Carly Maree	LA	F	Australia	Australia	Global Forest Observations Initiative (GFOI)
34	GSCHWANTNER	Thomas	LA	M	Austria	Austria	Federal Research and Training Centre for Forests, Natural Hazards and Landscape (BFW)
35	HARBY	Atle	LA	M	Norway	Norway	SINTEF Energi
36	HARRISON	John	LA	M	USA	USA	Washington State University
37	HERGOUALC'H	Kristell	LA	F	Peru	France	CIFOR - Center for International Forestry Research
38	HEROLD	Martin	LA	M	Netherlands	Germany	Wageningen University
39	HIRATA	Yasumasa	LA	M	Japan	Japan	Forestry and Forest Products Research Institute
40	HOUGHTON	Richard	LA	M	USA	USA	Woods Hole Research Center
41	HOUSE	Joanna Isobel	LA	F	UK	UK	University of Bristol
42	ISHIZUKA	Shigehiro	LA	M	Japan	Japan	Forestry and Forest Products Research Institute
43	JONCKHEERE	Inge Germaine Celestine	LA	F	Italy	Belgium	FAO - Food and Agriculture Organization of the United Nations
44	KAHURI	Serah Kabui	LA	F	Kenya	Kenya	Kenya Forest Service
45	KASIMIR	Åsa	LA	F	Sweden	Sweden	University of Gothenburg
46	KINYANJUI	Mwangi James	LA	M	Kenya	Kenya	Karatina University
47	KISHIMOTO	Ayaka W. Mo	LA	F	Japan	Japan	Institute for Agro-Environmental Sciences, NARO
48	KRISNAWATI	Haruni	LA	F	Indonesia	Indonesia	Forestry and Environment Research, Development and Innovation Agency, Ministry of Environment and Forestry
49	KURZ	Werner Alexander	LA	M	Canada	Canada	Canadian Forest Service, Natural Resources Canada
50	LASCO	Rodel Diaz	LA	M	Philippines	Philippines	World Agroforestry Centre (ICRAF) and the Oscar M Lopez Center
51	LEHTONEN	Aleksi Heikki Samuel	LA	M	Finland	Finland	Natural Resources Institute Finland (Luke)
52	LEIP	Adrian	LA	M	Italy	Germany	Joint Research Centre, European Commission, European Union
53	LIMA	Magda Aparecida	LA	F	Brazil	Brazil	Brazilian Agricultural Research Corporation - Embrapa
54	LOVELOCK	Catherine Ellen	LA	F	Australia	Australia	University of Queensland
55	LUNDBLAD	Mattias	LA	M	Sweden	Sweden	Swedish University for Agricultural Sciences (SLU)
56	MALIMBWI	Rogers Ernest	LA	M	Tanzania	Tanzania	Sokoine University of Agriculture
57	MATTHEWS	Robert William	LA	M	UK	UK	Forestry Commission Research Agency
58	MCCONKEY	Brian G.	LA	M	Canada	Canada	Ministry of Agriculture and Agri-Food
59	NÆSSET	Erik	LA	M	Norway	Norway	Norwegian University of Life Sciences
60	NIINISTÖ	Sini Maaria	LA	F	Finland	Finland	Statistics Finland, Greenhouse Gas Inventory Unit
61	OMETTO	Jean Pierre	LA	M	Brazil	Brazil	National institute for Space Research (CCST/INPE)
62	OYHANTCABAL	Walter	LA	M	Uruguay	Uruguay	Ministry of Agriculture, Livestock and Fishery, MGAP
63	PAN	Xuebiao	LA	M	China	China	China Agricultural University
64	PANDYA	Mehul R.	LA	M	India	India	Space Applications Centre, Indian Space Research Organisation (ISRO), Government of India
65	PANICHELLI	Luis Alberto	LA	M	Argentina	Argentina	National Climate Change Division, Ministry of Environment and Sustainable Development
66	PARÉ	David	LA	M	Canada	Canada	Natural Resources Canada

67	PATHAK	Himanshu	LA	M	India	India	ICAR - National Rice Research Institute
68	PAUL	Thomas	LA	M	New Zealand	Germany	Scion - New Zealand Forest Research Institute Ltd.
69	PETERSSON	Hans	LA	M	Sweden	Sweden	SLU, Swedish University for Agricultural Sciences
70	PRAIRIE	Yves T.	LA	M	Canada	Canada	Department of Biological Sciences, Université du Québec à Montréal (UQAM)
71	RAADAL	Hanne Lerche	LA	F	Norway	Norway	Ostfold Research
72	RAVINDRANATH	Nijavalli H.	LA	M	India	India	Indian Institute of Science
73	REDDY	Shanti	LA	M	Australia	Australia	Department of the Environment and Energy
74	REGINA	Pirjo Kristiina	LA	F	Finland	Finland	Natural Resources Institute Finland (Luke)
75	ROCK	Joachim	LA	M	Germany	Germany	Thuenen-Institute of Forest Ecosystems
76	RÜTER	Sebastian	LA	M	Germany	Germany	Thünen Institute of Wood Research
77	SANQUETTA	Carlos Roberto	LA	M	Brazil	Brazil	Federal University of Parana
78	SANTOS	Marco Aurelio	LA	M	Brazil	Brazil	Energy Planning Program / COPPE / UFRJ
79	SATO	Atsushi	LA	M	Japan	Japan	Mitsubishi UFJ Research and Consulting Co., Ltd.
80	SHERMAN	Bradford Sterling	LA	M	Australia	USA	Reservoir Doctors Pty Ltd.
81	SOMOGYI	Zoltán	LA	M	Hungary	Hungary	NARIC Hungarian Forest Research Institute
82	SUZUKI	Kei	LA	M	Japan	Japan	Japan Forest Technology Association
83	TRUNOV	Aleksandr	LA	M	Russia	Russia	Yu.A. Izrael Institute of Global Climate and Ecology
84	TULLIS	Jason Alan	LA	M	USA	USA	University of Arkansas
85	VAN DER WEERDEN	Tony John	LA	M	New Zealand	New Zealand	AgResearch
86	VAZQUEZ-AMABILE	Gabriel G.	LA	M	Argentina	Argentina	AACREA (Argentine Association of Regional Consortiums for Agricultural Experimentation) and University of La Plata
87	VITULLO	Marina	LA	F	Italy	Italy	ISPRA - Institute for Environmental Protection and Research
88	WAKELIN	Stephen John	LA	M	New Zealand	New Zealand / Australia	Scion - New Zealand Forest Research Institute Ltd.
89	WANG	Changke	LA	M	China	China	National Climate Center, China Meteorological Administration
90	WATERWORTH	Robert Michael	LA	M	Australia	Australia	The Mullion Group
91	WIDIAWATI	Yeni	LA	F	Indonesia	Indonesia	Indonesian Research Institute for Animal Production (IRIAP) under The Indonesian Centre for Animal Research and Development (ICARD)
92	ZHANG	Chengyi	LA	M	China	China	National Climate Center, China Meteorological Administration
93	ZHENG	Xunhua	LA	F	China	China	Institute of Atmospheric Physics, Chinese Academy of Sciences
94	ZHU	Jianhua	LA	M	China	China	Institute of Forest Ecology, Environment & Protection, Chinese Academy of Forestry
95	AGUS	Fahmuddin	RE	M	Indonesia	Indonesia	Indonesia Soil Research Institute, Indonesian Agency for Agricultural Research and Development (IAARD)
96	ALFARO VALENZUELA	Marta Andrea	RE	F	Chile	Chile	Instituto de Investigaciones Agropecuarias (INIA)
97	BLAIN	Dominique	RE	F	Canada	Canada	Environment and Climate Change Canada
98	VREULS	Hendrik H.J.	RE	M	Netherlands	Netherlands	Netherlands Enterprise Agency (RVO.nl)

**Volume 5: Waste**

1	BARTRAM	Deborah M.	CLA	F	USA	USA	Eastern Research Group, Inc.
2	TOWPRAYOON	Sirintornthep	CLA	F	Thailand	Thailand	King Mongkut's University of Technology Thonburi
3	ABDEL-AZIZ	Amr Osama	LA	M	Egypt	Egypt	Integral Consult
4	CHIEMCHAI SRI	Chart	LA	M	Thailand	Thailand	Kasetsart University
5	EBIE	Yoshitaka	LA	M	Japan	Japan	National Institute for Environmental Studies
6	FARKAŠ	Juraj	LA	M	Slovakia	Slovakia	veQ s.r.o.
7	GAO	Qingxian	LA	M	China	China	Chinese Research Academy of Environmental Sciences (CRAES)
8	GUEGUEN	Céline	LA	F	France	France	CITEPA - Centre Interprofessionnel Technique d'Etudes de la Pollution Atmosphérique
9	IJAZ	Muhammad	LA	M	Pakistan	Pakistan	Global Change Impact Studies Centre (GCISC), Ministry of Climate Change
10	ISHIGAKI	Tomonori	LA	M	Japan	Japan	National Institute for Environmental Studies
11	JEON	Eui-Chan	LA	M	Republic of Korea	Republic of Korea	Department of Environment & Energy, Sejong University
12	KARTHIK	Manikavasagam	LA	M	India	India	National Environmental Engineering Research Institute
13	KIM	Seungdo	LA	M	Republic of Korea	Republic of Korea	Department of Environmental Sciences and Biotechnology, Hallym University

<b>14</b>	<b>NOUHOU AMADOU</b>	Seini	LA	M	Nigeria	Niger	ECOWAS Centre for Renewable Energy and Energy Efficiency
<b>15</b>	<b>PETERS</b>	Gregory M.	LA	M	Sweden	Australia	Chalmers University of Technology
<b>16</b>	<b>SHARMA</b>	Chhemendra	LA	M	India	India	CSIR - National Physical Laboratory
<b>17</b>	<b>SHMARIN</b>	Sergii	LA	M	Ukraine	Ukraine	SE National Power Company "UKRENERGO"
<b>18</b>	<b>SHORT</b>	Michael Douglas	LA	M	Australia	Australia	University of South Australia
<b>19</b>	<b>ZANZOTTERA</b>	Nuria Mariana	LA	F	Argentina	Argentina	Ministry of Environment and Sustainable Development
<b>20</b>	<b>DEMIROK</b>	Fatma Betül	RE	F	Turkey	Turkey	Turkish Statistical Institute (TurkStat)
<b>21</b>	<b>HEROLD</b>	Anke	RE	F	Germany	Germany	Oeko-Institut