

<Review comments by experts on Overview Chapter of the Second Order Draft of Wetlands Supplement>

ID	Expert (Last Name, First Name)	Chapter /Section	Start Line	End Line	Sub-section	Comment	supplementary documents	Authors' Action & Note
E_O_0001	Brown, Lynette	Overview	1	1		When discussing meetings in throughout this Overview Chapter the authors sometimes use just the city, sometimes just the country, and sometimes both city and country. I recommend formatting to be consistent.		Accept. This will be implemented in the revised Final Draft.
E_O_0002	Tiemeyer, Bärbel	Overview	17	17		please change to "bogs of varying peat depth occupying large expanses of generally sloping ground"		Accept with modification. This is a comment for the glossary. Definition has been revised.
E_O_0003	Tiemeyer, Bärbel	Overview	19	19		please change to "nutrient-poor peatland generally fed only be rainwater"		Accept with modification. This is a comment for the glossary. Definition has been revised.
E_O_0004	Brown, Lynette	Overview	20	20		Spell out first occurrence of IPCC in text.		Accept with modification. The acronym is defined in a footnote.
E_O_0005	Condor Golec, Rocio Danica	Overview	20	41		I will suggest to include in the first paragraph a clear description of what Wetlands Supplement is about: supplement (e.g. missing emission categories), update (e.g. EF), replace (e.g. equations). Again, going to Chapter 1 and Chapter 3, different wording is use to describe how Wetlands supplement can contribute to the preparation of GHG inventories. This is crucial for making the compiler understand that also an evolution and best available information has been incorporated in the supplement.		Accept with modification. The structure was reorganized to address the reviewers comment
E_O_0006	Ogilvie, James	Overview	20	87	Overview 1	The introduction includes some – not all – wetland classification categories and should be extended. A clear scope of all categories would give a clearer picture.		Accept with modification. The title was revised to better reflect the content of the chapter and report

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E_O_0007	Schmilewski, Gerald	Overview	20	87	Overview 1	The introduction includes some - not all - wetland classification categories and should be extended. A clear scope of all categories would give a clearer picture.		Accept with modification. The title was revised to better reflect the content of the chapter and report
E_O_0008	Tiemeyer, Bärbel	Overview	21	21		please change to "Gas-tight enclosure to measure fluxes of CO ₂ , CH ₄ and N ₂ O. If transparent chambers are used, net ecosystem exchange of CO ₂ can be measured"		Accept with modification. This is a comment for the glossary. Definition has been revised.
E_O_0009	Kasimir Klemetsson, Asa	Overview	21	22		I think it is odd to begin with; Provides methods for ... lands that are saturated by water... , Since the supplement do also provide methods for drained land and earlier wetlands and rewetting etc		Accept with modification. The text was revised to ensure consistency within the Overview chapter
E_O_0010	Brown, Lynette	Overview	22	22		Is there a depth requirement regarding "lands that are saturated"? Do they need to be saturated to the surface? Within 15 cm?		Accept with modification. The Overview was revised to articulate the contents of the chapters; depth requirements are covered in the specific chapter contents. Text was revised.
E_O_0011	Brown, Lynette	Overview	22	22		What is the minimum duration regarding "part of the year" - this wetland definition is too vague. Uplands can be saturated all or part of the year after hurricanes, tsunamis, cyclones but are not generally considered wetlands. There needs to be a clear distinction between temporarily flooded land and wetland.		Accept with modification. The Overview was revised to articulate the contents of the chapters; the depth requirements are covered in the specific chapter contents. Text was revised. Also, throughout the preparation of the report, authors were cautious not to over-prescribe methodological guidance by imposing strict definitions that are often difficult to reconcile with national circumstances and therefore unduly restrict the use of domestic data.

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E_O_0012	Condor Golec, Rocio Danica	Overview	22	22		I will suggest to make clear from the beginning that rice cultivation is not included, considering that in Chapter 1 Figure 1.1 there is reference for excluding this category: "lands that are saturated by water for all or part off the year"		Accept. See modified text.
E_O_0013	Brandon, Andrea	Overview	23	29		This paragraph is confusing. Footnote 1 could refer to 2006 guidelines as there is guidance for artificially flooded lands provided there. Then line 27 states the 2006 guidelines are restricted to peatlands and organic soils advice but does not mention the guidance provided there on flooded lands.		Accept. This is an oversight in the Overview. Text changes made to Section 4 to address comment.
E_O_0014	Penman, Jim	Overview	23			In footnote 1 say 'In respect of permanently flooded lands, an IPCC Expert meeting concluded that...'		Accept with modification. Text was revised.
E_O_0015	Lyde, Gund	Overview	24	24		Consider providing 'hot links' to the other IPCC documents.		Noted. Agreed to not use web links (or urls).
E_O_0016	Condor Golec, Rocio Danica	Overview	28	28		It is stated that IPCC 2006 guidelines are "incomplete". First comment: while preparing IPCC 2006 guidelines not all wetlands were covered and not significant activities were characterized, but this is because there was not scientific evidence?. It seems to me going through Chapter 1 and Chapter 3 that since the publication of the IPCC 2006 lots of scientific articles have been published, therefore, this can now support the Wetland supplement [see Chapter 1 par 50 ..is sufficient new scientific information available to provide additional methodological guidance]		Accept with modification. The text was revised to clarify why the 2006 GLs are incomplete

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E_O_0017	Brown, Lynette	Overview	29	29		Replace "on the" with "in" and delete "that it does cover".		Reject. Semantics/choice of grammatical style.
E_O_0018	Brown, Lynette	Overview	30	30		Change the word "in" to "with".		Reject. Semantics/choice of grammatical style.
E_O_0019	Brandon, Andrea	Overview	30			This supplement covers inland peatlands...should it read "covers drained inland peatlands"? Or is there guidance for all inland peatlands? If so then the chapter 3 title is misleading.		Reject. The supplement broadly covers all managed peatlands. Chapter 3 deals specifically with drained peatlands. Given this, text changes are not warranted.
E_O_0020	Brown, Sandra	Overview	31	31		seagrass meadows are practically permanently flooded -- so why include them in the supplement? Including them is almost akin to including macro algae too? Similar role and probably no more interaction with atmosphere than sea grasses. I get a sense that some of the inclusions in this supplement are pressured by those who support the notion of "blue carbon" and try to get them included so can use concept akin to REDD to try and conserve them. Conserving and protecting sea grasses is a good idea as they are so important for fisheries etc....but not for carbon or emissions and removals of GHGs !!		Reject. The use of the term "flooded" in the IPCC Guidelines refers to artificial inundation, not to sea level ecosystems. Inclusion of seagrasses should be assessed on the soundness of methodologies and data to support inclusion in inventories, but the commenter has not provided any specific critiques of chapter 4.
E_O_0021	Tiemeyer, Bärbel	Overview	39	39		filter instead of "screen"		Accept with modification. This is a comment for the glossary. Definition has been revised.

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E_O_0022	Brown, Sandra	Overview	41	41		the construction of wetlands for advanced waste water treatment certainly is a land use change....why would this be in the waste sector? Also where do a whole variety of vegetated wetlands (forests and non forested ones) get treated where they are used for advanced waste water treatment as is quite common in parts of USA for e.g. This is a perfect example of re-wetting wetland areas ,e.g. forests on peaty soils, that were previously drained--use of such area for treating waste water is a great human use of these systems as the waste water is nutrient rich (peat soils are generally very nutrient poor) and provides the water to restore the sites--is this allowable under this supplement?		Accept with modification. The text was modified to clarify that constructed wetlands relate to an activity and not a land-use change
E_O_0023	Tiemeyer, Bärbel	Overview	41	41		Please change to "Rivers, ditches and stream: Volume of water passing a specific point or leaving a catchment in a defined time. In the context of wastewater treatment: release of effluent resulting from anthropogenic activities."		Accept with modification. This is a comment for the glossary. Definition has been revised.
E_O_0024	Brandon, Andrea	Overview	41			The final comment on the line "constructed wetlands are not a land use category" is in conflict with the definition of the wetland land use category which includes "where the water table is artificially changed ... or those created through human activity (e.g. damming a river)". These are constructed wetlands? if not then an explanation of what is to be excluded would be helpful.		Accept with modification. The text was modified to clarify that constructed wetlands relate to an activity and not a land-use change
E_O_0025	Brown, Lynette	Overview	43	43		What does HWP stand for? Please spell out first occurrence.		Reject. This is the title of the meeting.
E_O_0026	Sookan, Anand	Overview	44	44		Since the 2006 IPCC Guidelines were completed (comma here?) much new scientific information is now ...		Reject. This is a direct quote.

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E_O_0027	Sookan, Anand	Overview	47	47		the IPCC provide (s) additional methodological guidelines for (on or about?) the rewetting and restoration of...		Reject. This is a direct quote.
E_O_0028	Sookan, Anand	Overview	48	48		peat land; emissions from fires, ditches and waterborne carbon; and constructed (man made) wetlands		Reject. This is a direct quote.
E_O_0029	Lyde, Gund	Overview	54	54		Footnote 2 - consider providing a hot link to this document		Noted. Agreed to not use web links (or urls).
E_O_0030	Sookan, Anand	Overview	54	54		page 2 - can a web link be included for the references in footnotes 1 and 2		Reject. Agreed to not use web links.
E_O_0031	Tiemeyer, Bärbel	Overview	57	57		please change to "Frequently nutrient-rich peatland fed by precipitation and groundwater"		Accept with modification. This is a comment for the glossary. Definition has been revised.
E_O_0032	Condor Golec, Rocio Danica	Overview	65	65		Some comment: the aim of Wetland Supplement is also to update and replace; "It is stated that IPCC 2006 guidelines are "incomplete". First comment: while preparing IPCC 2006 guidelines not all wetlands were covered and not significant activities were characterized, but this is because there was not scientific evidence?. It seems to me going through Chapter 1 and Chapter 3 that since the publication of the IPCC 2006 lots of scientific articles have been published, therefore, this can now support the Wetland supplement [see Chapter 1 par 50 ..is sufficient new scientific information available to provide additional methodological guidance]"		Accept with modification. The text was revised to clarify why the 2006 GLs are incomplete

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E_O_0033	Lyde, Gund	Overview	65	65		Consider being more positive and less wordy. i.e. changing "Supplement aims to supplement the" to 'Supplement augments the'		Accept with modification. Text was revised.
E_O_0034	Brown, Lynette	Overview	66	66		First usage of the phrase "wetlands and organic soils". This phrase is used throughout the supplement - I suggest clarifying the distinction here (lacking hydrology and/or hydrophytic vegetation and therefore not wetland).		Accept with modification. Section 2, including Table 1, were revised to clarify the coverage.
E_O_0035	Podest, Erika	Overview	69	71		what is the minimum span of inundation that defines a wetland. Definition stated is posed in vague terms "covered or saturated for all or part of the year"		Accept with modification. The Overview was revised to articulate the contents of the chapters; depth requirements are covered in the specific chapter contents. Text was deleted.
E_O_0036	Lyde, Gund	Overview	87	87		Footnotes 3-6 - Consider providing hot links to these documents.		Noted. Agreed to not use web links (or urls).
E_O_0037	Sato, Atsushi	Overview	88	132		According to Chapter 4, coastal sea area is newly added in "Wetlands" land category. It may be an innovative change from the 2006 IPCC Guidelines. However, it is not clear how to include coastal sea areas in land-use datasets (land-use conversion matrix) or how to address coastal sea areas which are not subject to any management activities. To promote understanding, some illustrative examples should be provided in the same manner as Chapter 3, Volume 4 of the 2006 IPCC Guidelines.		Accept with modification. These types of specifics are covered in chapters, including Chapters 1, 4, and 7.

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ID	Expert (Last Name, First Name)	Chapter /Section	Start Line	End Line	Sub-section	Comment	supplementary documents	Authors' Action & Note
E_O_0038	Yano, Masato	Overview	88	132		According to Chapter 4, coastal sea area is newly added in "Wetlands" land category. It may be an innovative change from the 2006 IPCC Guidelines. However, it is not clear how to include coastal sea areas in land-use datasets (land-use conversion matrix) or how to address coastal sea areas which are not subject to any management activities. To promote understanding, some illustrative examples should be provided in the same manner as Chapter 3, Volume 4 of the 2006 IPCC Guidelines.		Accept with modification. These types of specifics are covered in chapters, including Chapters 1, 4, and 7.
E_O_0039	Condor Golec, Rocio Danica	Overview	89	89		except permanently flooded land: this means that reservoirs and rice cultivation are excluded?		Accept with modification. See text deleting permanently flooded lands.
E_O_0040	Lyde, Gund	Overview	89	89		(except permanently flooded lands)' Chapter 1, line 221 indicates that wetlands include dammed rivers and reservoirs. Aren't these considered permanently flooded?		Accept with modification. See text deleting permanently flooded lands.
E_O_0041	Roelandt, Caroline	Overview	89	93		the classification of lands should be double checked with the KPSG		Reject: The land classification here should be consistent with the 2006 GL, and the KPSG is not relevant.
E_O_0042	Brown, Lynette	Overview	93	93		Add comma after "organic".		Accept with modification. Text was deleted.
E_O_0043	Brown, Lynette	Overview	94	95		Wetland definition is too vague. This suggests all organic soils are wetland and all drained soils are wetland. What is the minimum duration of saturation?		Accept with modification. The Overview was revised to articulate the contents of the chapters; saturation requirements are covered in the specific chapter contents. Text was deleted.

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E_O_0044	Brown, Sandra	Overview	94	95		so the definition can include organic but not wet soils or drained but not wet? They could have been drained many years ago--also how is drained defined...keeping water level x cm below soil surface for T months of year.....not clear so need to define these terms too.		Accept with modification. The Overview was revised to articulate the contents of the chapters; depth requirements are covered in the specific chapter contents and drainage is defined in Chapter 2 and in the glossary. Text was deleted.
E_O_0045	Lyde, Gund	Overview	94	95		According to this definition any area that has recently had a heavy rainfall could qualify as 'wetland' Consider adding a time-line such as that given in line 179.		Accept with modification. The Overview was revised to articulate the contents of the chapters; saturation requirements are covered in the specific chapter contents. Text was deleted.
E_O_0046	Lyde, Gund	Overview	94	95		The definition of wetland appears to be one of cover or condition rather than use. The classes of Forest, Grassland, Settlements and perhaps Other are generally cover. The only class that is definitely Use is cropland. Mixing land use and land cover or using the term 'land cover' when what is really meant is 'land use' and vice-versa is confusing...at least to me.		Accept with modification. Text was deleted.
E_O_0047	Condor Golec, Rocio Danica	Overview	94	98		In this paragraph the difference of the term wetlands is provided for IPCC 2006 and Wetlands Supplement. However, I will first clearly define what does wetlands means for the supplement.		Accept with modification. Text was deleted.
E_O_0048	Parno Guimaraes, Giselle	overview	95	98		the term "daming the river" provides the idea of hydroelectric reservoirs. need clarification on the account or not these systems.		Accept with modification. The 2006 GL already provides guidance on conversion to permanently flooded lands, so this example is appropriate. Earlier overview text has been added to make it clear that there is some coverage of permanently flooded lands.

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E_O_0049	Condor Golec, Rocio Danica	Overview	100	132		Box 1 IPCC Land Use Categories: the definitions that are provided in this box are those from IPCC 2006. I suppose all definitions for the land use categories have not changed but only the one for wetlands? Which is the purpose of adding this box, if the definition in the Wetlands Supplement is not anymore the same. At this point I will delete in paragraph 94-98 the comparison between IPCC 2006 and Wetlands Supplement.		Accept with modification: Delete the box and use only the new Wetlands definition.
E_O_0050	Lyde, Gund	Overview	100	132		Box 1 - Consider adding a note either in this box or in the text that it is good practice to classify all lands within a nation and that each class is mutually exclusive (a given piece of land can only fall into one class)		Accept with modification. Valid point, already covered in 2006GL. Table deleted.
E_O_0051	Ogilvie, James	Overview	100	132	Overview 2	Box 1: This should be extended by the categories (a) peatland (as a clear category by itself with a clear definition for peatland) (b) paludiculture (with a clear definition) and (c) biomass production on peatland.		Reject. The table has been deleted. The general IPCC land categories are provided in the 2006GL with the option of further subdividing them according to country-specific circumstances.
E_O_0052	Schmilewski, Gerald	Overview	100	132	Overview 2	Box 1: This should be extended by the categories a) peatland (as a clear category by itself with a clear definition for peatland) 2) paludiculture (with a clear definition) and c) biomass production on peatland		Repeated comments - see E_O_0051.

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E_O_0053	Lyde, Gund	Overview	105	107		Last sentence - Any land that once had qualifying tree cover has the potential of reaching the thresholds including land that is currently cropland, grassland, wetland, etc. Consider adding something to this definition that would restrict the definition to lands that are or will be used for forestry purposes (whatever those are)		Reject. The table has been deleted. The Wetlands report is not the place to update language on forest land definitions.
E_O_0054	Kasimir Klemetsson, Asa	Overview	113			brushes should be bushes		Accept. Text was replaced.
E_O_0055	Ginzo, Hector	Overview	115	115		I suggest replacing ...silvi-pastoral... with ...silvopastoral..., because this term is much more frequently used than the former one.		Accept. Text was deleted.
E_O_0056	Tiemeyer, Bärbel	Overview	123	123		delete the "and" at the end of the line (to keep the same definition as in Chapter 1, lines 177ff)		Accept. Text was replaced.
E_O_0057	Tiemeyer, Bärbel	Overview	131	131		change to "Peatland agriculture or forestry under wet conditions"		Accept with modification: Table deleted.
E_O_0058	Brown, Lynette	Overview	139	139		Box for Chapter 4. capitalize the w to be consistent with other boxes.		Accept. Text was revised.
E_O_0059	Brandon, Andrea	Overview	139	140		Query title of Chapter 2 - "Drained inland organic soils" suggest remove "drained" as I believe there is guidance for managed organic soils not necessarily drained. I think it would better describe its content and is clearly partnered then with the chapter that covers inland wetland mineral soils.		Accept with modification. Authors are maintaining the current chapter 2 title but chapter 3 title has changed.

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E_O_0060	Brandon, Andrea	Overview	143	144		Updating may have changed emissions factors from the 2006 IPCC guidelines. Is it possible to list here in a table?		Reject. Listing of emission factors is too much detail for an Overview.
E_O_0061	Radunsky, Klaus	Overview	143	144		The following wording is suggested: Updating has changed some emission factors from the 2006 IPCC Guidelines.		Accept. Text was revised.
E_O_0062	Nielson, Ole-Kenneth	Overview	143	144		It is stated that "Updating may have changed emission factors from the 2006 IPCC Guidelines". This is vague. Emission factors have changed! In addition a list with the changed emission factors should be included to ease the use of the 2006 IPCC Guidelines. If no list is made available then users will be constantly forced to switch between the 2006 GL and the wetlands supplement. This is especially important for the changed emission factors that are not for wetlands but is effecting all land uses.		Accept with modification. A general description of which areas where emission factors have changed has been included in section 2.
E_O_0063	Condor Golec, Rocio Danica	Overview	143	181		It seems that all this section provides some information on what is available in the IPCC 2006 and what does the Wetlands Supplement provides. I will suggest to complement with a short table of comparison considering only sources and GHG, otherwise refer also to Chapter 1 Table 1.4, because it is more clear which are the differences.		Accept with modification. A general description of which areas where updates have been made has been included in section 2.

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E_O_0064	Boudreau, Stephanie	Overview	145	149		Peatlands should be treated separately from organic soils as these should be seen as two different types of lands. This differentiation would help to better understand what these two wetland types are and help understand the supplement in general. It is unfortunate and inappropriate that peatlands are included along with organic soils because these are quite different systems not only in terms of their formation and evolution but also in the nature of the substrate they present to vegetation growing on them and also their response to drainage and land use change. Organic soils, are basically mineral soils with a higher organic matter content while peatlands are accumulation of peat with very low amounts of mineral material in them.		Accept with modification. Peat and organic soils are defined in the glossary and described in specific chapters.
E_O_0065	Ogilvie, James	Overview	145	149	Overview 3	Peatlands should be treated separately from organic soils as these should be seen as two different types of lands. This differentiation would help to better understand what these two wetland types are and help understand the supplement in general. It is unfortunate and inappropriate that peatlands are included along with organic soils because these are quite different systems not only in terms of their formation and evolution but also in the nature of the substrate they present to vegetation growing on them and also their response to drainage and land use change. Organic soils, are basically mineral soils with a higher organic matter content while peatlands are accumulation of peat with very low amounts of mineral material in them.		Accept with modification. Peat and organic soils are defined in the glossary and described in specific chapters.

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E_O_0066	Schmilewski, Gerald	Overview	145	149	Overview 3	Peatlands should be treated separately from organic soils as these should be seen as two different types of lands. This differentiation would help to better understand what these two wetland types are and help understand the supplement in general.		Accept with modification. Peat and organic soils are defined in the glossary and described in specific chapters.
E_O_0067	Kasimir Klemedtsson, Asa	Overview	146	147		Chapter 3 is about rewetting, which does not require restoring the original vegetation. Is it not only rewetting that should be mentioned here? Or both rewetting and restoration?		Accept with modification. Chapter 3 title was changed to Rewetted organic soils
E_O_0068	Vermaat, Jan	overview	151			why are seagrass beds included, actually? The text argues 'because they can form a C reservoir; but ch 4 limits them to 'nearshore'. I am not sure if offshore seagrass beds are included, shallow or deep, and how they should be included into national assessments, or whether this is some sort of double counting with marine and ocean assessments		Accept with modification. This type of detail is covered in Chapter 4.
E_O_0069	Condor Golec, Rocio Danica	Overview	166	167		In Chapter 1 Figure 1.1 - decision tree, when soil is wet and use for rice cultivation you are requested to use IPCC 2006 guidelines for estimation. This means that in some way you are excluding to include estimations for this category in the Wetlands Supplement. However, in this 166-167 paragraph additional EF are proposed???		Reject. The Wetlands supplement provides new EFs for a sub-category of rice cultivation. Since the supplement is to be used in conjunction with the 2006GL, the chapter 1 decision tree is clear.

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E_O_0070	Kishimoto, Ayaka	Overview	166	167		To keep consistency to lines 171-172, suggest to change as "Rice cultivation is covered in the 2006 IPCC Guidelines (Chapter 5, Volume 4) and additional emission factors for lowland riceare given in Chapter 2 in this Wetlands Supplement.		Accept.
E_O_0071	Brown, Lynette	Overview	168	170		Where do created wetlands used for agricultural runoff water quality improvement or the Everglades Stormwater Treatment Areas constructed for nutrient removal fit? This appears to be another category not covered by this supplement. How is wastewater defined?		Accept with modification. Text has been modified to clarify that coverage on constructed wetlands includes semi-natural treatment wetlands.
E_O_0072	Boudreau, Stephanie	Overview	171	172		The 2006 Guidelines dealt mainly with peatlands used for peat extraction, especially for energy and horticulture, and the Supplement contains some additional advice. It should be borne in mind, however, that although there are GHG emissions implications from this activity it in fact is carried out on an extremely small area of global peatlands. Globally, most managed peatlands are used for forestry (including plantations) and agriculture.		Noted
E_O_0073	Kishimoto, Ayaka	Overview	171	172		here is which Chapter? Please specify.		Accept. Text was revised.

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E_O_0074	Ogilvie, James	Overview	171	172	Overview 3: Coverage	The 2006 Guidelines dealt mainly with peatlands used for peat extraction, especially for energy and horticulture, and the Supplement contains some additional advice. It should be borne in mind, however, that although there are GHG emissions implications from this activity it in fact is carried out on an extremely small area of global peatlands (>1% in Europe for example and virtually 0% in SE Asia). Most managed peatlands are used for forestry (including plantations) and agriculture.		Noted
E_O_0075	Vermaat, Jan	overview	171			definition sediment is in line with textbooks geology and sedimentology? I would specify my sources for this glossary		Accept. Sediment definition was revised.
E_O_0076	Parno Guimaraes, Giselle	overview	173	181		it was clarified that this supplement will not be covered reservoirs, however there needs to be more clear that this supplement will not consider these systems.		Reject. It is clear already.
E_O_0077	Brandon, Andrea	Overview	173			As with previous comment on lines 23-29, there is guidance for flooded land provided in the 2006 guidelines and that should be referred to here rather than saying there is insufficient information to enable new and additional guidance to be produced as that is confusing. When I read that I take it that there is no guidance when there is.		Accept.
E_O_0078	Roelandt, Caroline	Overview	177	179		Soil N2O the sentence is difficult to understand, please rephrase		Accept.

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E_O_0079	Lyde, Gund	Overview	194	194		Footnotes 7-9. Consider providing hot links to these documents.		Noted. Agreed to not use web links (or urls).
E_O_0080	Lyde, Gund	Overview	194	194		Footnotes 7-9 - Should the year of publication be in () as done in earlier footnotes - i.e. IPCC 2011 vs IPCC (2011). Should be consistent throughout the supplement. Also add number of pages where missing.		Accept.
E_O_0081	Ogilvie, James	Overview	197	238	Overview 5	If the supplement concludes that the compiled huge amount of cited literature, scientific information and data (including contradictory findings) will help implement the 2006 IPCC Guidelines for national GHG inventories, then the given information should be reduced/summarized into a more straight forward and user-friendly piece of work. That should clearly spell out any consequences the 2006 Guidelines have for each of the given (or still missing) land-use categories.		Accept with modification. Text was further revised to make the supplement a more user-friendly guide.
E_O_0082	Schmilewski, Gerald	Overview	197	238	Overview 5	If the supplement concludes that the compiled huge amount of cited literature, scientific information and data (including contradictory findings) will help implement the 2006 IPCC Guidelines for national GHG inventories, then the given information should be reduced/summarized into a more straight forward and user friendly piece of work. That should clearly spell out any consequences the 2006 Guidelines have for each of the given (or still missing) land-use categories.		Accept with modification. Text was further revised to make the supplement a more user-friendly guide.

<Review comments by experts on Overview Chapter of the Second Order Draft of Wetlands Supplement>

ID	Expert (Last Name, First Name)	Chapter /Section	Start Line	End Line	Sub-section	Comment	supplementary documents	Authors' Action & Note
E_O_0083	Condor Golec, Rocio Danica	Overview	199	206		Same comment: be clear which is the aim of the supplement because actually it extends (e.g. missing emission categories), updates/new (e.g. EF), and replaces (e.g. equations) information.		Accept with modification: most of what the commenter request is already covered in the Overview. New text may help.
E_O_0084	Lilleskov, Erik	Overview	207	211		When another chapter in this supplement refers to "good practice" it would be helpful to restate or point to this definition.		Reject - it would be unnecessarily repetitive to restate the definition of good practice.
E_O_0085	Brown, Lynette	Overview	211	211		Insert space before the word "These".		Accept. Text was revised.
E_O_0086	Brown, Lynette	Overview	217	217		Delete the first occurrence of "and" - not needed.		Accept. Text was revised.
E_O_0087	Brown, Lynette	Overview	235	235		Replace "quality assurance and quality control" with QA/QC (defined on pg 3)		Accept. This will be implemented in the revised Final Draft.
E_O_0088	Condor Golec, Rocio Danica	Overview	240	241		permanently flooded lands are not addressed: this means that reservoirs and rice cultivation are excluded?		Accept with modification: earlier text edits make clear that permanently flooded lands are not entirely excluded. Rice cultivation may occur on permanently or partially flooded lands. It is clear that they are not excluded.
E_O_0089	Lyde, Gund	Overview	general	0		Good overview - In all the IPCC documents, consider using color photos or drawings to illustrate various situations or examples such as that found in Chapter 1 of this supplement. This will brighten up the documents considerably and make them more interesting to read		Noted.

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ID	Expert (Last Name, First Name)	Chapter /Section	Start Line	End Line	Sub-section	Comment	supplementary documents	Authors' Action & Note
E_O_0090	Lyde, Gund	Overview	general	0		The is some variation in the format of the references in the chapters. Should there be () before and after the year of publication? Some references have " " around the title of an article. If the article has co-authors are they listed by last name, then initials or vice-versa? When there are co-authors is there a ;, &, or 'and' before the last author's name. This varies.		Accept. This will be implemented in the revised Final Draft.
E_O_0091	Lyde, Gund	Overview	general	0		When there are abbreviations for gases given in the title of an article such as CO ₂ - should the 2 be a subscript? This varies.		Accept. Yes, it should be a subscript.
E_O_0092	Lyde, Gund	Overview	general	0		Lastly, consider giving URLs for publications that have them. This varies.		Reject. Agreed to not use web links (or urls).
E_O_0093	Lyde, Gund	Overview	general	0		Consider including an organization chart showing where this supplement fits with all the other IPCC documents. This should be done for any guidance coming out of the IPCC.		Accept with modification: This comment is attributed to post-acceptance phase and therefore not immediately relevant, but could be achieved with post-acceptance materials prepared by the TSU.
E_O_0094	Lyde, Gund	Overview	general	0		This Wetlands supplement affects all the other land uses. Soils on ALL managed lands are identified as either 'wet' or dry. They are further categorized as being either organic or mineral, nutrient rich or poor, and drained or not drained (draft Wetlands Supplement Chapter 1.2 lines 88-89 and Chapter 2.1 lines 81-85). Are the other land uses cross referenced with this supplement and vice-versa?		Accept with modification. Yes, in chapter 1

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ID	Expert (Last Name, First Name)	Chapter /Section	Start Line	End Line	Sub-section	Comment	supplementary documents	Authors' Action & Note
E_O_0095	Brandon, Andrea	Overview	general	181		General comment - it would be helpful to align each paragraph to a chapter or the 2006 GL as done for coastal wetlands and inland wetland mineral soils.		Accept with modification. Chapters were further revised to more clearly reference the 2006 GLs where appropriate.
E_O_0096	Boudreau, Stephanie	Overview	general	222		GENERAL COMMENT about the estimation at three levels of details, from Tier 1 to Tier 2 and 3: As a developed country, Canada is required to report under higher Tier method. We acknowledge that higher Tier methods should, in theory, improved accuracy and precision. On the other hand, it can also be at the disadvantage of the country using higher Tier methods compared to countries that can currently report under Tier 1 method. Is there a process planned during the implementation of these guidelines and further on to compile data from countries using higher Tier method and to update the guidelines accordingly?		Reject - the IPCC does not require developed countries specifically to use certain tiers. The decision trees and tier selection should apply to all countries. It is not clear why a country using higher tier methods would be at a disadvantage.