

From: [Seth Mott](#)
To: [Kurt Johnson](#); [Jason Goldberg](#)
Subject: Fwd: DUE TODAY: Mitigation/Climate Change policy Compilation - due COB March 30th
Date: Thursday, March 30, 2017 2:10:10 PM
Attachments: [ATT00001.htm](#)
[ES FWS Documents Related to Mitigation, Climate Change, or GHGs.docx](#)

Jump on this now, I'm on my way back on the shuttle

Sent from my iPhone

Begin forwarded message:

From: "Morris, Charisa" <charisa_morris@fws.gov>
Date: March 30, 2017 at 2:56:32 PM EDT
To: Cynthia Martinez <Cynthia_Martinez@fws.gov>, Charles Blair <charles_blair@fws.gov>, Seth Mott <seth_mott@fws.gov>, Elsa Haubold <elsa_haubold@fws.gov>, Gina Shultz <Gina_Shultz@fws.gov>
Cc: Stephen Guertin <stephen_guertin@fws.gov>, Casey Hammond <casey_hammond@ios.doi.gov>
Subject: **DUE TODAY: Mitigation/Climate Change policy Compilation - due COB March 30th**

Good afternoon-

The Director's Office just found out about the subject assignment, due COB today. ES had received it earlier this week and has luckily started a draft response (attached), but we believe Refuges and Science need to have input, as well. Please consider the attached as a template, and submit whatever you can by COB today.

Many thanks,
Charisa

----- Forwarded message -----

From: **Casey Hammond** <casey_hammond@ios.doi.gov>
Date: Thu, Mar 30, 2017 at 2:33 PM
Subject: Fwd: Mitigation/Climate Change policy Compilation - due COB March 30th
To: charisa_morris@fws.gov

Begin forwarded message:

From: Maureen Foster <maureen_foster@ios.doi.gov>

Date: March 30, 2017 at 1:34:45 PM EDT
To: "Viets, Alexa" <alexa_viets@nps.gov>
Cc: Amy Holley <amy_holley@ios.doi.gov>, Herbert Frost <bert_frost@nps.gov>, Virginia Johnson <virginia_johnson@ios.doi.gov>, Hammond Casey <casey_hammond@ios.doi.gov>
Subject: Re: Mitigation/Climate Change policy Compilation - due COB March 30th

This data call needs to go forward today. I had checked with Amy yesterday and just reconfirmed with her. Each bureau should submit through the requested channels and copy me and Virginia.

Casey, would you please ensure that FWS is getting this done.

Sorry for the multiple data calls.

See you all tomorrow.

Thanks.

Maureen D. Foster
Chief of Staff
Office of the Assistant Secretary for
Fish and Wildlife and Parks.
202.208.5970 office
202.306.3845 cell

On Mar 30, 2017, at 12:52 PM, Viets, Alexa <alexa_viets@nps.gov> wrote:

Maureen & Amy,

Flagging this one for you both. I asked our team to wait. Just didn't make sense to me to collect the same information twice (SO 3349) and on a very different (seemingly rushed) timeline. Please let me know if I'm missing something.

Tx,
Alexa

----- Forwarded message -----

From: **Wyse, Jennifer** <jennifer_wyse@nps.gov>
Date: Thu, Mar 30, 2017 at 12:22 PM
Subject: Fwd: Mitigation/Climate Change policy
Compilation - due COB March 30th

To: Michaela Noble <michaela_noble@ios.doi.gov>, "Viets, Alexa" <Alexa_Viets@nps.gov>
Cc: Herbert Frost <bert_frost@nps.gov>, Raymond Sauvajot <ray_sauvajot@nps.gov>, Brian Carlstrom <brian_carlstrom@nps.gov>, Guy Adema <guy_adema@nps.gov>

Hi Michaela,

Thank you for the clarification provided below. We have discussed the request with our National Park Service Acting Chief of Staff, Alexa Viets, and she has asked that we hold off on responding until we can coordinate our response to this request, as well as to the Secretarial Order, with our Assistant Secretary's office.

Alexa is copied on this email and offered that she is happy to discuss further, if needed.

Have a great day, Jen

Jennifer Wyse
202-208-4272



----- Forwarded message -----

From: **Michaela Noble** <michaela_noble@ios.doi.gov>
Date: Thu, Mar 30, 2017 at 10:39 AM
Subject: RE: Mitigation/Climate Change policy
Compilation - due COB March 30th
To: Joel Clement <joel_clement@ios.doi.gov>, Steve Glomb <steve_glomb@ios.doi.gov>, Debra Sonderman <debra_sonderman@ios.doi.gov>, hpayne@osmre.gov, Raymond Sauvajot <ray_sauvajot@nps.gov>, Brian Carlstrom <brian_carlstrom@nps.gov>, Leah Baker <lbaker@blm.gov>, Lisa Vehmas <vehmas@usbr.gov>, Gary Frazer <gary_frazer@fws.gov>, Gina Shultz <Gina_Shultz@fws.gov>, Craig Aubrey <craig_aubrey@fws.gov>, Ira New Breast <ira_newbreast@bia.gov>, Tammy Bagley <tammy_bagley@ios.doi.gov>, Kathryn Bender <kathryn_l_bender@ios.doi.gov>
Cc: Downey Magallanes

<downey_magallanes@ios.doi.gov>, James Schindler
<james_schindler@ios.doi.gov>, Amy Holley
<amy_holley@ios.doi.gov>, Mary Josie Blanchard
<maryjosie_blanchard@ios.doi.gov>, Carol
Braegelmann <carol_braegelmann@ios.doi.gov>, Ann
Navaro <ann.navaro@sol.doi.gov>, Karen Hawbecker
<karen.hawbecker@sol.doi.gov>, Aaron Moody
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<louise.milkman@sol.doi.gov>, Keith Saxe
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<edward.keable@sol.doi.gov>, Laura Brown
<laura.brown@sol.doi.gov>, Eric Shepard
<eric.shepard@sol.doi.gov>, Benjamin Jesup
<benjamin.jesup@sol.doi.gov>, John Carlucci
<john.carlucci@sol.doi.gov>, Carter Brown
<carter.brown@sol.doi.gov>, Scott Bergstrom
<scott.bergstrom@sol.doi.gov>, Jason Waanders
<jason.waanders@sol.doi.gov>, Gregory Russell
<gregory.russell@sol.doi.gov>, Richard McNeer
<richard.mcneer@sol.doi.gov>, Wendy Dorman
<wendy.dorman@sol.doi.gov>, Phyllis Leslie
<phyllis.leslie@sol.doi.gov>, Kendra Nitta
<kendra.nitta@sol.doi.gov>, Dennis Daugherty
<dennis.daugherty@sol.doi.gov>, Thomas Bovard
<tom.bovard@sol.doi.gov>, Susan Cason
<susan.cason@sol.doi.gov>

FYI and to address some questions received:

This initial compilation request is focused on these policies that do or may impact external stakeholders/entities, consistent with the Secretarial Order signed yesterday. (see attached).

This compilation request is complimentary to, and does not replace, the process set out and required in the S.O. You will likely receive instruction from your leadership in the near future on how to comply with this S.O.

The work you have all done on short notice to assist our leaderships' planning is very much appreciated.

-Michaela

From: Michaela Noble [mailto:michaela_noble@ios.doi.gov]
Sent: Wednesday, March 29, 2017 8:58 AM
To: Joel Clement <joel_clement@ios.doi.gov>; Steve Glomb <steve_glomb@ios.doi.gov>; Debra Sonderman <debra_sonderman@ios.doi.gov>; 'hpayne@osmre.gov' <hpayne@osmre.gov>; Raymond Sauvajot <ray_sauvajot@nps.gov>; Brian Carlstrom <brian_carlstrom@nps.gov>; Leah Baker <lbaker@blm.gov>; Lisa Vehmas (<lvehmas@usbr.gov> <lvehmas@usbr.gov>; Gary Frazer <gary_frazer@fws.gov>; Gina Shultz <Gina_Shultz@fws.gov>; Craig Aubrey <craig_aubrey@fws.gov>; Ira New Breast <ira.newbreast@bia.gov>
Cc: Downey Magallanes <downey_magallanes@ios.doi.gov>; James Schindler <james_schindler@ios.doi.gov>; Amy Holley <amy_holley@ios.doi.gov>; Mary Josie Blanchard <maryjosie_blanchard@ios.doi.gov>; Carol Braegelmann <carol_braegelmann@ios.doi.gov>; Ann Navaro <ann.navaro@sol.doi.gov>; Karen Hawbecker <karen.hawbecker@sol.doi.gov>; Aaron Moody <aaron.moody@sol.doi.gov>; Louise Milkman <louise.milkman@sol.doi.gov>; Keith Saxe <keith.saxe@sol.doi.gov>; Edward Keable <edward.keable@sol.doi.gov>; Laura Brown <laura.brown@sol.doi.gov>; Eric Shepard <eric.shepard@sol.doi.gov>; Benjamin Jesup <benjamin.jesup@sol.doi.gov>; John Carlucci <john.carlucci@sol.doi.gov>; Carter Brown <carter.brown@sol.doi.gov>; Scott Bergstrom <scott.bergstrom@sol.doi.gov>; Jason Waanders <jason.waanders@sol.doi.gov>; Gregory Russell <gregory.russell@sol.doi.gov>; Richard McNeer <richard.mcneer@sol.doi.gov>; Wendy Dorman <wendy.dorman@sol.doi.gov>; Phyllis Leslie <phyllis.leslie@sol.doi.gov>; Kendra Nitta <kendra.nitta@sol.doi.gov>; Dennis Daugherty <dennis.daugherty@sol.doi.gov>; Thomas Bovard <tom.bovard@sol.doi.gov>; Susan Cason <susan.cason@sol.doi.gov>
Subject: Mitigation/Climate Change policy Compilation - due COB March 30th

All,

We have been asked to compile a list of policies, manuals or guidance that address or are related to mitigation, climate change or GHGs. In particular any policies, guidance, instructions, or handbook related to or implementing CEQ's *Draft or Final* Guidance for Consideration of GHGs and the effects of Climate Change in NEPA reviews.

Thanks to our Solicitors for compiling a first draft of mitigation policies, manuals or guidance, available here:

(b) (5) CIP


Please have your organizations review this list and include any policies, guidance, or handbooks that are not already listed that reference, implement, or relate to mitigation or climate change or GHGs. The goal is to be over-inclusive at this point, rather than exclusive. Please also provide a brief summary (couple of sentences) for ALL entries describing the purpose of each policy or guidance. OEPC has entered information on those policies we are responsible for, or which we have information on. You may wish to refer to those entries for examples of summaries to include.

Please have the information entered on the document available at the link provided NLT COB Thursday, March 30th. Please contact Carol Braegelmann carol_braegelmann@ios.doi.gov with any questions.

Thank you,

Michaela E. Noble

Director, Office of Environmental Policy & Compliance

The Department of the Interior

1849 C Street, NW

Washington, DC 20240

Office: 202-208-3891

Email: michaela_noble@ios.doi.gov

Website: <https://www.doi.gov/oepec>

From: Schindler, James [mailto:james_schindler@ios.doi.gov]

Sent: Tuesday, March 28, 2017 9:46 AM

To: Navaro, Ann <ann.navaro@sol.doi.gov>

Cc: Magallanes, Downey <downey_magallanes@ios.doi.gov>; Hawbecker, Karen <karen.hawbecker@sol.doi.gov>; Moody, Aaron <aaron.moody@sol.doi.gov>; Milkman, Louise <louise.milkman@sol.doi.gov>; Saxe, Keith <keith.saxe@sol.doi.gov>; Edward Keable <edward.keable@sol.doi.gov>; Brown, Laura <laura.brown@sol.doi.gov>; Shepard, Eric <eric.shepard@sol.doi.gov>; Benjamin Jesup <Benjamin.Jesup@sol.doi.gov>; John Carlucci <john.carlucci@sol.doi.gov>; Carter Brown <carter.brown@sol.doi.gov>; Scott Bergstrom <scott.bergstrom@sol.doi.gov>; Jason Waanders <jason.waanders@sol.doi.gov>; Russell, Gregory <gregory.russell@sol.doi.gov>; Richard McNeer <Richard.McNeer@sol.doi.gov>; Wendy Dorman <Wendy.Dorman@sol.doi.gov>; Phyllis Leslie <PHYLLIS.LESLIE@sol.doi.gov>; Nitta, Kendra <kendra.nitta@sol.doi.gov>; Dennis Daugherty <dennis.daugherty@sol.doi.gov>; Tom Bovard <Tom.Bovard@sol.doi.gov>; Cason, Susan <susan.cason@sol.doi.gov>; Michaela Noble <michaela_noble@ios.doi.gov>; Joel Clement

[<joel_clement@ios.doi.gov>](mailto:joel_clement@ios.doi.gov)

Subject: Re: Mitigation Compelation

All, Michaela Noble in OEPC will kindly serve as our person ultimately responsible for combining and unifying our document, so feel free to add to the link or send to her directly.

Re: DPW, I know Gary has submitted F&W mitigation info to the Secretary's office already.

(b) (5) CIP
[Redacted]

Thanks again.

On Tue, Mar 21, 2017 at 6:24 PM, Schindler, James
[<james_schindler@ios.doi.gov>](mailto:james_schindler@ios.doi.gov)
wrote:

Karen, Laura, Ann, Eric, and Keith,

Some bureaus have created or started a list of their mitigation policies, but we'd like a comprehensive source of all this information department-wide.

We want to compile a reference document listing what (if any) statute authorizes it; where it is found in our regs, reports, handbooks, IMs or implementation guidance; and finally, what type of mitigation (e.g. compensatory) it is.

We want to err on the side of over-inclusion so feel free to add anything in you think we may be missing. Each item just requires a summary with a few sentences.

Karen, I know Susan and Stephen have begun looking at this in the SOL office, and Lara Douglas at BLM.

Ideally, we'd like to get this information compiled within the next week.

Thanks everyone,

--

Laura Brown, Associate Solicitor

Division of Land Resources

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Keith E. Saxe, Associate Solicitor

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Downey Magallanes

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Alexa Viets
Chief of Staff (Acting)
National Park Service
202-208-4530



<so_3349_-american_energy_independence.pdf>

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[Charisa Morris@fws.gov](mailto:Charisa_Morris@fws.gov) | Chief of Staff, Office of the Director | U.S. Fish
& Wildlife Service | 1849 C Street NW, Room 3348 | Washington, DC 20240 | (202) 208-3843 |
For urgent matters, please dial cell: 301-875-8937

Document Title	Source	Brief Summary	Comments
Cooperative Endangered Species Conservation Fund (Section 6) grants Notice of Funding Opportunity	DRR-BRSG	This notice asks applicants to identify the project's conservation benefits to be derived by avoiding or offsetting climate change impacts. Also, Regional Directors are given discretionary "bonus" points to award to proposals that are a high priority to the Region based on how a proposal may address conservation in the context of climate change when assigning these points to a proposal. Regional Directors consider other items too such as project readiness and how a proposal may address conservation in the context of climate change when assigning these points to a proposal.	
Recovery Planning Guidance	DRR-BRSG	This interim guidance provides a useful resource for agency field staff and their partners to assist them in planning for, and carrying out, the recovery of listed endangered and threatened species. Recovery planning and implementation are required under the Endangered Species Act to guide the process by which listed species and their ecosystems are restored and their future is safeguarded to the point that protections under the ESA are no longer needed.	Climate change is referenced twice in this guidance; both related to re-assessing, not mitigating
Internal Review Process for Authorizing Harassment under Section 101(a)(5)(D) of the Marine Mammal Protection Act	DRR-BRSG	This document provides information to assist agency staff with the internal processing of authorizations for the take, by harassment, of small numbers of marine mammals incidental to specified activities. It addresses marine mammal species under the jurisdiction of the FWS (i.e., polar bears, Pacific walrus, sea otters, and manatees).	This document doesn't reference climate change or GHG. In addition, although mitigation is a part of the IHA process, this document doesn't provide guidance on prescribing those measures
FWS Director's Order No. 218 Policy Regarding Voluntary Prelisting Conservation Actions	DRR-BCCC	This policy provides States with an additional tool and incentive to engage landowners, government agencies, and others in carrying out voluntary conservation actions for species not listed under the Endangered Species Act. This order establishes that landowners participating in a qualifying State administered species conservation	

		program can obtain conservation credits for efforts that benefit declining species. These credits can later be redeemed to offset or mitigate actions that are detrimental to a species should it subsequently be listed under the ESA. The credits may also be traded or sold to a third party.	
2016 Habitat Conservation Planning Handbook Revision	DRR-BCCC	The purpose of the HCP Handbook is to: (1) provide current guidance to NMFS and FWS staff to ensure consist application of ESA section 10(a)(1)(B) regulations, policy, and guidance across the nation; (2) create efficiencies to streamline the HCP and incidental take permitting process as requested by the regulated public; (3) inspire conservation results associated with HCPs that contribute to listed species recovery, resiliency, and response to the effects climate change; and (4) provide guidance to Service' staff to ensure the development of legally sufficient incidental take permitting decision documents.	
2014 12 18 NEPA Revised Draft	DRR-BERR	This document is a fact sheet from the White House regarding considering climate change in NEPA review and conducting programmatic NEPA reviews.	Used to develop NEPA documents as well
DOI NRDAR Restoration Banking Guidance	DRR-BERR	This guidance describes "the conditions for evaluating whether, where, and when restoration banking or advance restoration projects would be appropriate as components of a restoration plan." It is a step down from the Nov 3, 2015 Presidential Memorandum titled "Mitigating impacts on Natural Resources from Development and encouraging related private investment."	A restoration, <u>NOT mitigation</u> document; however, people frequently confuse this as mitigation.
National Wetlands Inventory Strategic Plan: A Strategic Response to Climate Change 2011 to 2015	DBTS-BGMTS	This document was created in part as a response to The Secretary's Climate Change Order No. 3289 and the Service's Strategic Plan for Responding to Accelerating Climate Change requiring all programs to address climate change, especially sea-level rise. The purpose of this document is to present a revised strategic plan that better supports "the Service's commitment to partnership-driven, results-oriented landscape conservation actions that address the unprecedented challenges posed by accelerating climate change."	"Expired"? in 2015
Status and Trends of	DBTS-	This decadal report is mandated by Section 401 of the Emergency	Mentions sea level rise

<p>Wetlands in the Coastal Watershed of the Conterminous United States 2004 to 2009</p>	<p>BGMTS</p>	<p>Wetlands Resources Act of 1986 (Public Law 99-645). The goal of the Wetlands Status and Trends effort is to provide current, scientifically valid information on the extent of wetlands and related aquatic resources, and to monitor trends in these resources over time. It is important to understand that although Wetlands Status and Trends reports often mention potential causes of wetland loss or change, including sea level rise and other wetland change drivers that may be related to climate change, we do not collect data that would allow us to draw a direct connection between these alterations and climate change.</p>	<p>twice throughout report, mentions climate related changes once</p>
<p>Status and Trends of Wetlands in the Coastal Watersheds of the Eastern United States 1998 to 2004</p>	<p>DBTS-BGMTS</p>	<p>This decadal report is mandated by Section 401 of the Emergency Wetlands Resources Act of 1986 (Public Law 99-645). The goal of the Wetlands Status and Trends effort is to provide current, scientifically valid information on the extent of wetlands and related aquatic resources, and to monitor trends in these resources over time. It is important to understand that although Wetlands Status and Trends reports often mention potential causes of wetland loss or change, including sea level rise and other wetland change drivers that may be related to climate change, we do not collect data that would allow us to draw a direct connection between these alterations and climate change.</p>	<p>Mentions sea level rise once and climate change once</p>
<p>Final Report to Congress: John H. Chafee Coastal Barrier Resource System Digital Mapping Pilot Project</p>	<p>DBTS-BGMTS</p>	<p>This report was produced in accordance with Section 3 of the 2006 Coastal Barrier Resources Reauthorization Act (Pub. L. 109-226). The report contains: a summary of the benefits of Coastal Barrier Resources System (CBRS) map modernization and successes to date; a summary of the public review process for the pilot project maps; a summary of the comments received from government officials and the public regarding the draft pilot project maps and the Service's responses to those comments; updates to significant CBRS mapping protocols; a summary of the pilot project results and recommended changes to each of the pilot project units (including acreage, shoreline, and structure changes); a set of guiding principles and criteria for assessing modifications to the CBRS; a</p>	<p>Chapter 1 summarizes the effects of climate change on the coastal environment. Chapter 6 describes the guiding principles and criteria the Service applies when assessing potential modifications to the CBRS. The guiding principles includes consideration of an area</p>

		recommendation to Congress for adoption of the final recommended pilot project maps; and the next steps and costs to comprehensively modernize the remainder of the CBRS.	being inherently vulnerable to coastal hazards such as flooding, storm surge, wind, erosion and sea level rise.
U.S. Fish and Wildlife Service Mitigation Policy	DER-BER	(Note, see Appendix of Authorities at 81 FR 83483 for list of additional Authorities FWS may rely for mitigation). This revision to the 1981 Mitigation Policy guides FWS recommendations on mitigating the adverse impacts of land and water developments on fish, wildlife, plants, and their habitats. The primary intent of the Policy is to apply mitigation in a strategic manner that ensures an effective linkage with conservation strategies at appropriate landscape scales.	November 21, 2016
Endangered Species Act Compensatory Mitigation Policy	DER-BER	This policy steps down and implements the Service's revised Mitigation Policy and was established to improve consistency and effectiveness in the use of compensatory mitigation as recommended or required under the Endangered Species Act (ESA). The primary intent of the policy is to provide Service personnel with direction and guidance in the planning and implementation of compensatory mitigation under the ESA.	December 15, 2016
Interim Guidance on Implementing the Final Endangered Species Act Compensatory Mitigation Policy	DER-BER	The interim guidance provides Service personnel with detailed information on how to evaluate and implement compensatory mitigation. The interim guidance implements the new ESA Compensatory Mitigation Policy and replaces previous Service guidance documents issued in 2003 and 2008.	January 17, 2017
Land-Based Wind Energy Guidelines	DER-BER	These voluntary guidelines are designed to help wind energy project developers avoid and minimize impacts of land-based wind energy projects on wildlife and their habitats. The guidelines outline a consistent and predictable approach to wind energy development while also providing flexibility to developers in recognition of the unique circumstances of each project. The guidelines replace previous interim guidance issued in 2003.	March 23, 2012