

**Wave-circulation-turbulence ... and remote sensing:
some light reading**

Since waves, air-sea interaction, upper ocean mixing as well as electromagnetic theory are needed for our coherent model-of-everything, here are some references organized by topic and publication date. The reader is left to sort out this forest before anybody attempts the mammoth task to write an up to date version of "The dynamics of the upper ocean" of Owen Phillips... This list is being built and will never be over, here it is, as of **September 20, 2004**.

- Mass and momentum of waves and currents and their interactions (general): [1], [2], [3], [4], [5], [6], [7], [8], [9], [9], [10], [11], [12], [13], [14],[15], [16], [17], [18], [19], [20], [21], [22], [23]
- Air-sea interactions [24], [25],[26], [27], [28], [29], [30], [31], [32], [33], [28], [34] [35] [34], [36], [37], [38], [39], [40], [41], [42], [43], [44], [45], [46], [47], [48], [49], [50] [51], [52], [53], [54], [55], [56], [57], [58], [59], [60], [61], [62], [63]
- Surface drift [64], [65], [66], [67], [68], [69], [70], [71], [72], [73], [74], [75], [76]
- Waves on vertically sheared currents [77]
- Waves on horizontally sheared currents [78], [79], [80], [81], [82]
- Mass transport and wave boundary layers (streaming) [83], [84], [85], [86], [87], [88], [89], [90], [91]
- observations of surface mixing and theory [92], [93], [94], [95], [96]
- Parameterization of surface mixing in the ocean (see also www.gotm.net) [97], [98], [99], [100], [101], [102], [103], [104], [105], [106], [107], [108], [109], [110], [111], [112]
- Langmuir circulations [113], [114], [115], [116], [117], [118], [119], [120], [121], , [122], [123], [124], [125], [126], [127], [128], [129], [130], [131], [132], [133], [134], [135]
- Wave-turbulence interactions and turbulence statistics [136], [137], [138], [139], [140], [141], [142], [143], [144], [145], [146], [147], [148], [149], [150], [151]

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