



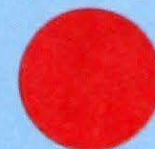
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ISSN 0410-7926



APPLIED CLIMATE BIBLIOGRAPHY FOR ARCHITECTS, PLANNERS, LANDSCAPE ARCHITECTS AND BUILDERS

BIBLIOGRAPHIE DE CLIMATOLOGIE APPLIQUÉE POUR LES ARCHITECTES, LES PLANIFICATEURS, LES PAYSAGISTES ET LES ENTREPRENEURS ET BÂTIMENT

Compiled by/Compilé par

Linda D. Mortsch and /et Ken Bolohan

CLI-1-86

Downsview, Ontario

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UDC: 551.588.7

Price
Prix \$5.00

TABLE OF CONTENTS/TABLE DES MATIÈRES

	Page
ACKNOWLEDGEMENTS/REMERCIEMENTS	iv
INTRODUCTION/INTRODUCTION	v
1. BIBLIOGRAPHIES/BIBLIOGRAPHIES	
1.1 General/Généralités	1
1.2 Applied Meteorology/Météorologie appliquée	1
1.3 Applied Climatology/Climatologie appliquée	1
1.4 Architecture/Architecture	2
1.5 Building design/Conception des bâtiments	2
2. CLIMATOLOGY/CLIMATOLOGIE	
2.1 General/Généralités	3
2.2 Building/Bâtiment	4
2.3 Urban/Urbanisme	4
2.4 Topoclimatology/Topoclimatologie	6
3. MICROCLIMATE/MICROCLIMAT	
3.1 General/Généralités	8
3.2 Urban/Urbanisme	8
3.3 Northern communities/Localités du Nord	10
3.4 Building environment/Lieu des constructions	10
4. CLIMATIC ELEMENTS/ÉLÉMENTS CLIMATIQUES	
4.1 General/Généralités	11
4.2 Solar radiation/Rayonnement solaire	11
4.3 Precipitation, Snowcover/Précipitations, Couverture de neige	12
4.4 Temperature/Température	13
4.5 Humidity/Humidité	13
4.6 Growing degree-days/Degrés-jours de croissance	13
5. HUMAN ENVIRONMENT/MILIEU HUMAIN	
5.1 General/Généralités	14
5.2 Physiology/Physiologie	14
5.3 Psychology/Psychologie	16

	Page
6. ARCHITECTURE/ARCHITECTURE	
6.1 General/Généralités	16
6.2 Climatic factors/Facteurs climatiques	17
6.3 Aerodynamics/Aérodynamique	17
6.4 Design/Conception	18
6.5 Solar/Installations solaires	18
7. BUILDING DESIGN/CONCEPTION DES BÂTIMENTS	
7.1 General/Généralités	19
7.2 Climatic factors/Facteurs climatiques	21
7.3 Residential/Construction résidentielle	22
7.4 Northern communities/Localités du Nord	23
7.5 Energy conservation/Préservation de l'énergie	23
7.6 Site analysis and orientation/Analyse et orientation des emplacements	24
7.7 Data and analysis/Données et analyse	25
8. LANDSCAPE ARCHITECTURE/ART PAYSAGER	
8.1 General/Généralités	25
8.2 Climatic factors/Facteurs climatiques	26
9. PLANNING/PLANIFICATION	
9.1 General/Généralités	26
9.2 Climatic factors/Facteurs climatiques	27
9.3 Urban/Urbanisme.....	28
9.4 Northern communities/Localités du Nord	30
9.5 Environmental/Environnement	31
9.6 Land Use/Affectation des terrains	31
9.7 Energy conservation/Préservation de l'énergie	32
10. POLLUTION/POLLUTION	
10.1 General/Généralités	33
10.2 Urban/Urbanisme	34
10.3 Industrial/Industrie	35
10.4 Streets/Rues	35
11. WIND/VENT	
11.1 General/Généralités	35
11.2 Microclimate/Microclimat	35
11.3 Urban effects/Effets urbains	36
11.4 Effects on buildings/Effets sur les bâtiments	36
11.5 Effects around buildings/Effets autour des bâtiments	37
11.6 Turbulence/Pressure//Turbulence/Pression	38
11.7 Windbreaks/Shelters//Brise-vent/Abris	38

12. SOLAR DESIGN/CONCEPTION D'INSTALLATIONS SOLAIRES

12.1 General/Généralités	39
12.2 Passive solar/Systèmes solaires passifs	40
12.3 Energy conservation/Préservation de l'énergie	41
12.4 Energy efficiency/Rendement énergétique	43
12.5 Landscaping/Art paysager	44
12.6 Data and analysis/Données et analyse	44

13. CASE STUDIES/ÉTUDES DE CAS

13.1 Architecture/Architecture	45
13.2 Building design/Conception des bâtiments	45
13.3 Landscape architecture/Art paysager	45
13.4 Planning/Planification	45

The bibliography consists of more than 500 citations for the period 1910 to 1985. The references are organized into 13 subject areas. The subjects range from a general topic, such as bibliographies, to more specific topics such as climatology, microclimatology, climatic elements, wind, and solar design to the application of climate to architecture, planning, landscape architecture, and building design. The major subject areas are further subdivided into more specific topics. Within each of these subdivisions, the citations are listed alphabetically by author and then by year. The references

Cette bibliographie se compose de plus de 500 citations de la période allant de 1910 à 1985. Les références se classent en 13 domaines. Les sujets vont d'un sujet général comme les bibliographies à des sujets plus précis, comme la climatologie, la microclimatologie, les éléments climatiques, le vent, la conception d'installations solaires, l'application de climat à l'architecture, à la planification, à l'art paysager et à la conception du bâtiment. Les principaux domaines sont subdivisés en des sujets plus spécialisés. Dans chacune de ces subdivisions, nous avons indiqué les citations dans

ACKNOWLEDGEMENTS

The compilers wish to acknowledge the assistance of the Atmospheric Environment Service Library personnel for verifying references and obtaining material. The Library of the Intergovernmental Committee on Urban and Regional Research was very helpful in providing bibliographic listings and reference material. The diligent typing and proofreading of Una Ellis is appreciated. Also, the review of the manuscript by M. Berry, R. Crowe, B. Findlay, D. McKay, and D. Phillips is gratefully acknowledged.

REMERCIEMENTS

Les auteurs remercient le personnel de la Bibliothèque du Service de l'environnement atmosphérique de l'aide qu'il leur ont fournie pour vérifier les références et obtenir les documents. Le Comité intergouvernemental de recherches urbaines et régionales s'est montré très utile, en fournissant des listes bibliographiques et des documents de référence. Notre reconnaissance à Una Ellis pour son travail assidu de dactylographie et le lecture d'épreuves. Nos remerciements, aussi, à M. Berry, R. Crowe, B. Findlay, D. McKay et D. Phillips, qui ont révisé le manuscrit.

**APPLIED CLIMATE BIBLIOGRAPHY FOR
ARCHITECTS, PLANNERS,
LANDSCAPE ARCHITECTS AND
BUILDERS**

INTRODUCTION

This bibliography was compiled as a source book of information on incorporating climate into the design and planning process. References were assembled on climate as it relates to or could be incorporated into architecture, planning, landscape architecture, municipal management, and building science. The topics of climate and land use, and land-capability are stressed. 'Designing with climate' is applicable on many scales, from the individual house, to subdivision layout, to urban and regional planning and the references reflect these different scales and users. The benefits of incorporating climate into the design and planning fields are numerous. For example, human comfort can be ensured and optimized; renewable and non-renewable resource use can be managed rationally; and the efficiency and economy of the urban environment can be enhanced.

The bibliography consists of more than 500 citations for the period 1910 to 1985. The references are organized into 13 subject areas. The subjects range from a general topic, such as bibliographies, to more specific topics such as climatology, microclimatology, climatic elements, wind, and solar design to the application of climate to architecture, planning, landscape architecture, and building design. The major subject areas are further subdivided into more specific topics. Within each of these subdivisions, the citations are listed alphabetically by author and then by year. The references

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INTRODUCTION

La présente bibliographie indique des sources de renseignements sur l'intégration du climat dans la conception et la planification. Nous avons rassemblé les références sur le climat touchant ou pouvant s'incorporer à l'architecture, à la planification, à l'art paysager, à la gestion municipale et à la science du bâtiment. Nous avons insisté sur les sujets de l'affectation du climat sur les terrains et des capacités des terrains. "Concevoir en fonction du climat" s'applique à de nombreuses échelles, de la maison particulière au plan d'un lotissement, ainsi qu'à la planification urbaine et régionale. Les références attestent la multiplicité de ces échelles et usagers. Tenir compte du climat pour la conception et la planification présente de nombreux avantages. Par exemple, on peut assurer et accroître au maximum le confort humain; gérer de façon rationnelle l'utilisation des ressources renouvelables ou non; accroître l'efficacité et l'économie du milieu urbain.

Cette bibliographie se compose de plus de 500 citations de la période allant de 1910 à 1985. Les références se classent en 13 domaines. Les sujets vont d'un sujet général comme les bibliographies à des sujets plus précis, comme la climatology, la microclimatology, les éléments climatiques, le vent, la conception d'installations solaires, l'application du climat à l'architecture, à la planification, à l'art paysager et à la conception du bâtiment. Les principaux domaines sont subdivisés en des sujets plus spécialisés. Dans chacune de ces subdivisions, nous avons indiqué les citations dans

include published material such as seminar and workshop results, conference and symposium proceedings, technical manuals, journals, and government agency reports as well as unpublished theses and unpublished government reports.

Many of the citations were obtained from computer-assisted searches of abstracts such as ENVIROLINE, National Technical Information Service (NTIS), Environmental Bibliography, COMPENDEX, National Research Council Publications (NRC PUBS) and Meteorological and Geostrophysical Abstracts. In addition, the holdings of the Atmospheric Environment Service Library, the Library of the Intergovernmental Committee on Urban and Regional Research, and the Science and the Medicine Library of the University of Toronto were searched.

The compilers have attempted to verify all citations and to ensure their accuracy. However, the compilers would be grateful if any errors were brought to their attention. Also, recommendations for additional references for future updates would be appreciated.

l'ordre alphabétique, par auteur, puis par année. Les références comprennent des documents publiés comme les conclusions de colloques et d'ateliers, les actes de congrès et de journées d'étude, les guides techniques, les revues, les rapports d'organismes gouvernementaux, ainsi que des thèses et des rapports gouvernementaux non publiés.

Nombre de citations proviennent de consultations informatisées de résumés (ENVIROLINE, National Technical Information Service (NTIS), Environmental Bibliography, COMPENDEX, publications du Conseil national de recherches (NRC PUBS), Meteorological and Geostrophysical Abstracts, etc.) En outre, nous avons consulté le fonds de la Bibliothèque du Service de l'environnement atmosphérique, du Comité intergouvernemental de recherches urbaines et régionales, et de la bibliothèque de sciences et de médecine de l'université de Toronto.

Les auteurs ont tenté de vérifier toutes les citations et de s'assurer de leur authenticité. Toutefois, ils seraient reconnaissants à quiconque de leur signaler toute erreur éventuelle et de leur proposer toutes références supplémentaires pour les mises à jour.

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